

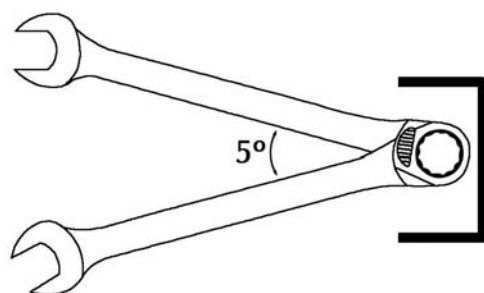


REVERSIBLE MASTERGEAR COMBINATION WRENCH

可逆棘轮梅花开口扳手

The exclusive design of the MASTERGEAR wrenches, provides the demanding professional with an all-in-one wrench for the most difficult access tightening, with a comfortable ratchet system. Made in Chrome Vanadium, they easily stand the most restrictive quality standards for torque. Their 72 teeth gear together with the ratchet head design enables tightening in the narrowest places, with only 5° required for such purpose. Reversible, Stubby, E-Torx...all that the demanding professional may need.

奥戈工具可逆棘轮梅花开口扳手的独特设计，多合一的扳手功能、操作舒适的棘轮系统，满足了苛求讲究的专业人士最棘手的紧固要求。以铬钒钢制成，通过最严格的扭矩质量标准测试。72齿带棘轮头设计的扳手，能在最狭窄的地方使用，只需5度扳动。可逆、短柄、外星形...几乎所有苛求讲究的专家所需要的。



1

1 Our aim to make more easy-to-be-used and more efficient items, led us to design the newest HALF-MOON switch for the MASTERGEAR Reversible Combination Wrenches, which avoids unwanted or unconscious switch reversing as well as premature damage of the switch. Besides, this switch is designed to avoid the early need to replace it because of breakage, as this switch is protected by the body of the wrench.

我们致力于制造更加易于操作、更加高效的工具的决心，引导我们设计出最新的半月形推钮开关（对比其它厂家长针式的设计），它避免了失误或无意触碰导致的反向操作或过早的开关损坏。同时，这个开关的设计也避免了由于损坏而过早的开关替换，因为这个开关被扳手身体所保护。

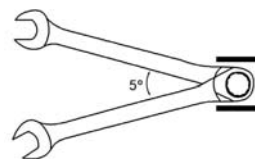
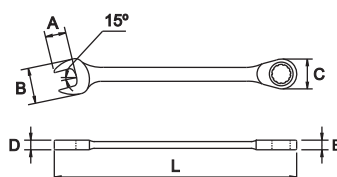


Its innovative box drive allows to tighten multiple nut heads such as Spherical, 6-point, 12 point, Square and E-torx, as well as with 50% rounded off nuts.

创新的多功能棘齿设计，可以拧紧或拆卸多种不同规格的螺栓，包括：球形、六角、十二角、四角、星形，甚至半圆角磨损的螺栓。

MASTERGEAR (多功能棘齿、奥戈工具专利技术)

MASTERGEAR COMBINATION RATCHET WRENCH 棘轮梅花开口扳手



MM / 公制

COD	AF	L mm	A	B	C	D	E	gr.		
3041001	8mm	145	9,5	17	18	4,7	7,4	50	10	1
3041002	9mm	150	10	18	19	5,3	7,4	55		
3041003	10mm	160	11	22	21	5,7	8,4	60		
3041004	11mm	165	12	23	22	6,1	8,4	80		
3041005	12mm	175	13	25	23	6,4	8,4	90		
3041006	13mm	180	15	26	25	6,6	8,4	100		
3041007	14mm	190	16	29	26	7,3	10,0	120		
3041008	15mm	200	17	31	28	7,5	10,0	130		
3041009	16mm	210	18	33	29	7,7	10,0	150		
3041010	17mm	230	20	36	30	7,9	10,0	180		
3041011	18mm	240	21	38	32	8,4	11,5	200	5	1
3041012	19mm	250	21	39	34	8,7	11,5	240		
3041013	21mm	270	24	43	38	9,5	12,5	310		
3041014	22mm	280	25	46	41	10,0	13,5	340		
3041015	24mm	300	26	48	45	11,0	13,5	450		
3040991	27mm	340	31	55	48	13,0	14,5	600		
3040992	30mm	370	35	62	55	14,0	17,0	800		
3040993	32mm	400	37	64	60	15,0	17,0	950		

INCH / 英制

3041016	5/16"	145	9,0	17	18	4,7	7,4	50	10	1
3041017	3/8"	160	12	22	21	5,7	8,4	60		
3041018	7/16"	165	12	23	22	6,1	8,4	80		
3041019	1/2"	180	14	26	25	6,6	8,4	100		
3041020	9/16"	190	16	29	26	7,3	10,0	120		
3041021	5/8"	210	18	33	29	7,7	10,0	150		
3041022	11/16"	230	20	36	30	7,9	10,0	180		
3041023	3/4"	250	22	39	34	8,7	11,5	240		
3041024	13/16"	270	23	43	38	9,5	12,5	310		
3041025	7/8"	280	26	46	41	10,0	13,5	340		
3041026	15/16"	300	27	48	45	11,0	13,5	450	5	1

Cr-V DIN 1711

SETS MM / 棘轮梅花开口扳手 组套 (公制)

COD	Nº				gr.
3041034	10	8-10-12-13-17-19	1/4"-10mm 3/8"-17mm 1/2"-19mm	1/4"-1/4"	1000
3041035	6	8-10-12-13-17-19	-	-	800
3041038	16	8-9-10-11-12-13 14-15-16-17-18-19	1/4"-10mm 3/8"-17mm 1/2"-19mm	1/4"-1/4"	2000
3041039	12	8-9-10-11-12-13 14-15-16-17-18-19	-	-	1800

SETS INCH / 棘轮梅花开口扳手 组套 (英制)

COD	Nº				gr.
3041040	10	5/16"- 3/8"- 7/16"- 1/2"- 11/16"- 3/4"	1/4"-10mm 3/8"-17mm 1/2"-19mm	1/4"-1/4"	1000
3041041	6	5/16"- 3/8"- 7/16"- 1/2"- 11/16"- 3/4"	-	-	800

DEMO-BLOCK /

梅花开口扳手 + 演示板 (多功能棘轮、奥戈工具专利技术)

COD					gr.
3040001	13mm				300

A mirror polished chrome plating / 镜面抛光镀铬

NATO (NCAGE) Code / 北约指定供应商 代码: 8552B

4.4

WRENCHES / 通用扳手

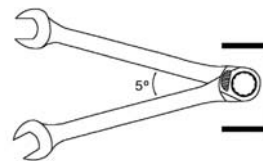
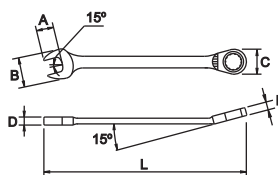
MASTERGEAR REV. (多功能棘齿、奥戈工具专利技术)

REVERSIBLE MASTERGEAR COMBINATION RATCHET WRENCH 可逆棘轮梅花开口扳手

REVERSIBLE

可逆

A



MM / 公制

COD	AF	L mm	A	B	C	D	E	gr.		
3041050	8mm	145	9,5	17	18	4,7	7,4	50	10	1
3041051	9mm	150	10	19	19	5,3		55		
3041052	10mm	160	11	22	21	5,7		60		
3041053	11mm	165	12	23	22	6,1		80		
3041054	12mm	175	13	25	23	6,4		90		
3041055	13mm	180	15	26	25	6,6		100		
3041056	14mm	190	16	29	26	7,3		120		
3041057	15mm	200	17	31	28	7,5		130		
3041058	16mm	210	18	33	29	7,7		150		
3041059	17mm	230	20	36	30	7,9		180		
3041060	18mm	240	21	38	32	8,4	11,5	200	5	
3041061	19mm	250		39	34	8,7		240		
3041062	21mm	270	24	43	38	9,5	12,5	310		
3041063	22mm	280	25	46	41	10,0	13,5	340		
3041064	24mm	300	26	48	45	11,0		450		

INCH / 英制

3041065	5/16"	145	9,0	17	18	4,7	7,4	50	10	1
3041066	3/8"	160	12	22	21	5,7		60		
3041067	7/16"	165		23	22	6,1		80		
3041068	1/2"	180	14	26	25	6,6		100		
3041069	9/16"	190	16	29	26	7,3		120		
3041070	5/8"	210	18	33	29	7,7		150		
3041071	11/16"	230	20	36	30	7,9		180		
3041072	3/4"	250	22	39	34	8,7	11,5	240		
3041073	13/16"	270	23	43	38	9,5	12,5	310	5	
3041074	7/8"	280	26	46	41	10,0		340		
3041075	15/16"	300	27	48	45	11,0		450		

Cr-V DIN 1711

SETS MM / 可逆棘轮梅花开口扳手 组套(公制)

COD	Nº				gr.
3041086	10	8-10-12-13-17-19	1/4"-10mm 3/8"-17mm 1/2"-19mm	1/4"-1/4"	1000
3041087	6	8-10-12-13-17-19	-	-	800
3041090	16	8-9-10-11-12-13 14-15-16-17-18-19	1/4"-10mm 3/8"-17mm 1/2"-19mm	1/4"-1/4"	2000
3041091	12	8-9-10-11-12-13 14-15-16-17-18-19	-	-	1800

SETS INCH / 可逆棘轮梅花开口扳手 组套(英制)

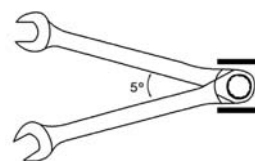
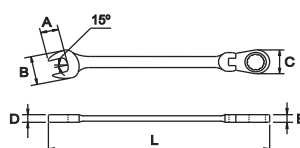
COD	Nº				gr.
3041092	10	5/16"- 3/8"- 7/16"- 1/2"- 11/16"- 3/4"	1/4"-10mm 3/8"-17mm 1/2"-19mm	1/4"-1/4"	1000
3041093	6	5/16"- 3/8"- 7/16"- 1/2"- 11/16"- 3/4"	-	-	800

A mirror polished chrome plating / 镜面抛光镀铬



MASTERGEAR (多功能棘齿、奥戈工具专利技术)

MASTERGEAR JOINT / 活动头棘轮梅花开口扳手



MM / 公制	AF	L	A	B	C	D	E	gr.		
COD		mm								
3041100	8mm	145	9,5	17	18	4,7	7,4	60	10	1
3041101	9mm	150	10	19	19	5,3		65		
3041102	10mm	155	11	22	21	5,7		70		
3041103	11mm	165	12	23	22	6,1		90		
3041104	12mm	170	13	25	23	6,4		95		
3041105	13mm	180	15	26	25	6,6		110		
3041106	14mm	190	16	29	26	7,3		120		
3041107	15mm	200	17	31	28	7,5		140		
3041108	16mm	210	18	33	29	7,7	10,0	160		
3041109	17mm	230	20	36	30	7,9		190		
3041110	18mm	240	21	38	32	8,4	11,5	210	5	
3041111	19mm	250		39	34	8,7		240		
3041112	21mm	270	24	43	38	9,5	12,5	250		
3041113	22mm	280	25	46	41	10,0	13,5	350		
3041114	24mm	300	26	48	45	11,0		460		

INCH / 英制

3041115	5/16"	145	9,0	17	18	4,7	7,4	60	10	1
3041116	3/8"	155	12	22	21	5,7		70		
3041117	7/16"	165		23	22	6,1		90		
3041118	1/2"	180	14	26	25	6,6		110		
3041119	9/16"	190	16	29	26	7,3		130		
3041120	5/8"	210	18	33	29	7,7		170		
3041121	11/16"	230	20	36	30	7,9	10,0	190		
3041122	3/4"	250	22	39	34	8,7	11,5	250		
3041123	13/16"	270	23	43	38	9,5	12,5	320	5	
3041124	7/8"	280	26	46	41	10,0	13,5	350		
3041125	15/16"	300	27	48	45	11,0		460		

Cr-V DIN 1711

SETS / 活动头棘轮梅花开口扳手 组套

COD	UN.	
3041130	6	8-10-12-13-17-19 mm
3041131	8	8-10-12-13-14-17-19-22 mm
3041132	10	8-9-10-11-12-13-14-17-19-22 mm

COD	UN.	
3041133	6	3/8, 7/16, 1/2, 9/16, 5/8, 3/4
3041134	8	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4
3041135	10	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16

COD	Nº				gr.
3041136	10	8-10-12-13-17-19	1/4"-10mm 3/8"-17mm 1/2"-19mm	1/4"-1/4"	1000
3041137	6	8-10-12-13-17-19	-	-	800

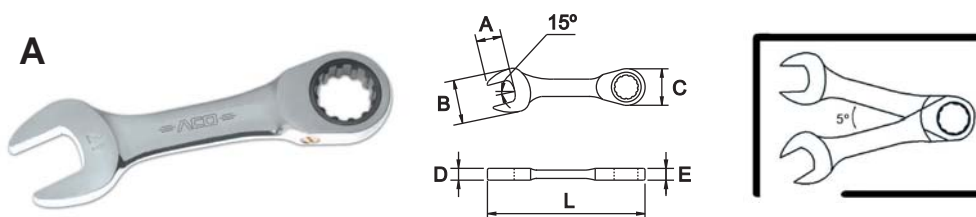
COD	Nº				gr.
3041138	16	8-9-10-11-12-13 14-15-16-17-18-19	1/4"-10mm 3/8"-17mm 1/2"-19mm	1/4"-1/4"	2000
3041139	12	8-9-10-11-12-13 14-15-16-17-18-19	-	-	1800



4.4 WRENCHES / 通用扳手

MASTERGEAR STUBBY (多功能棘齿、奥戈工具专利技术)

STUBBY MASTERGEAR COMBINATION RATCHET WRENCH / 短柄棘轮梅花开口扳手



MM / 公制	AF	L mm	A	B	C	D	E	gr.		
3041150	8mm	90	9,5	17	17	4,0	7,4	29		
3041151	9mm	100	10	19	19	4,5	8,4	36		
3041152	10mm	105	11	21	22	5,0	8,4	44		
3041153	11mm	105	12	22	23	5,5	8,4	60		
3041154	12mm	110	13	23	25	6,0	8,4	70		
3041155	13mm	115	15	25	26	7,0	10,0	80		
3041156	14mm	120	16	26	30	8,0	11,4	90		
3041157	15mm	120	17	28	31	8,0	11,4	105		
3041158	16mm	130	18	29	33	8,0	11,4	120		
3041159	17mm	130	20	30	36	8,0	11,4	140		
3041160	18mm	135	21	32	38	8,0	11,4	160		
3041161	19mm	135	21	34	39	8,0	11,4	160		

INCH / 英制

3041162	5/16"	90	9,0	17	17	4,0	7,4	29		
3041163	3/8"	100	12	21	22	4,5	8,4	44		
3041164	7/16"	105	14	22	23	5,0	8,4	60		
3041165	1/2"	110	16	25	26	6,0	8,4	70		
3041166	9/16"	115	17	26	30	7,0	10,0	80		
3041167	5/8"	120	18	29	33	8,0	11,4	105		
3041168	11/16"	130	20	30	36	8,0	11,4	120		
3041169	3/4"	135	22	34	39	8,0	11,4	160		

Cr-V DIN 1711

SET / 短柄棘轮梅花开口扳手 组套

COD	Nº				gr.
3041172	14	10-11-12-13-14-15-16-17-18-19	1/4"-10mm 3/8"-17mm 1/2"-19mm	1/4"-1/4"	1300
3041173	10	10-11-12-13-14-15-16-17-18-19	-	-	1100

ADAPTER / 转接头

COD			L mm	gr.		
3041182	1/4"-10mm	-	20	12		
3041183	3/8"-17mm	-	28	39		
3041184	1/2"-19mm	-	35	65		
3041185	-	1/4"-1/4"	25	10		



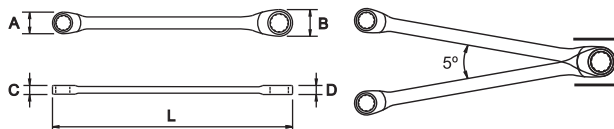
A mirror polished chrome plating / 镜面抛光镀铬

4.4

WRENCHES / 通用扳手

MASTERGEAR DOUBLE / 多功能棘齿、奥戈工具专利技术

MASTERGEAR DOUBLE RATCHET WRENCH / 双棘轮梅花扳手



MM / 公制	AF	L mm	A	B	C	D	gr.		
COD									
3041190	8-9mm	185	18	21	7,4		60		
3041191	10-11mm	200	21	22			90		
3041192	12-15mm	225	23	28	8,4	8,4	135		
3041193	13-14mm	250	25	26			150	8	1
3041194	16-18mm	270	29	32	10	11,5	250		
3041195	17-19mm	290	30	34					
3041196	21-24mm	320	38	45	12,5	13,5	470	5	

INCH / 英制

3041198	5/16"-3/8"	185	18	21	7,4		60		
3041199	3/8"-7/16"	200	21	22		8,4	90		
3041200	1/2"-9/16"	250	25	26	8,4		150	8	1
3041201	11/16"-3/4"	290	30	34	10,0	11,5	250		
3041202	13/16"-15/16"	320	38	45	12,5	13,5		5	

Cr-V DIN 1711

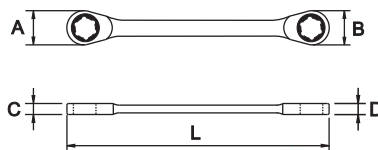
SETS / 双棘轮梅花扳手 组套

COD	UN.	
3041210	6	8-9, 10-11, 12-15, 13-14, 16-18, 17-19 mm



MASTERGEAR E-TORX

双棘轮六角梅花扳手 (多功能棘齿、奥戈工具专利技术)



COD		L mm	A	B	C	D	gr.		
3041214	E6 x E8	120	18	18	7,4	7,4	49	10	
3041215	E10 x E12	135		19		8,4	60		
3041216	E14 x E16	180	22	25	8,4		105	8	1
3041217	E18 x E20	200	26	29		10,0	145		
3041218	E22 x E24	220	30	34	10,0	11,5	210	10	

Cr-V DIN 1711

SET / 双棘轮六角梅花扳手 组套

COD	Nº		gr.
3041219	5	E6 x E8 - E10 x E12 - E14 x E16 E18 x E20 - E22 x E24	950



A mirror polished chrome plating / 镜面抛光镀铬

NATO (NCAGE) Code / 北约指定供应商 代码: 8552B



4.4

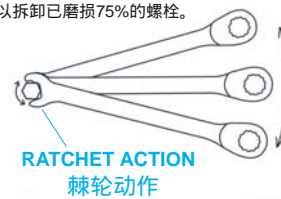
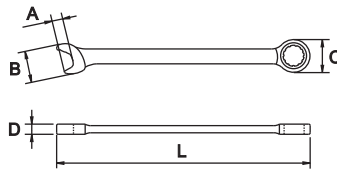
WRENCHES / 通用扳手

RAPID WRENCH 快速扳手 (棘轮开口梅花扳手)

RAPID COMBINATION WRENCH / 快速棘轮开口梅花扳手

* 开口端可以像使用棘轮扳手一样连接作业, 无须倒手;
可以拆卸头部已磨损50%的螺栓。

* 梅花端可以拆卸已磨损75%的螺栓。



MM / 公制
COD

		L mm	A	B	C	D	gr.		
3041220	8mm	145	6,5	15	13	5,0	30	10	1
3041222	10mm	165	8,0	18	16	5,0	50		
3041223	11mm	170	9,5	20	18	6,0	60		
3041224	12mm	175	10	22	19	6,0	65		
3041225	13mm	180	11	24	21	7,0	75		
3041226	14mm	195	12	26	22	7,0	95		
3041227	15mm	200	12	27	23	8,0	100		
3041228	16mm	210	14	29	25	8,0	130		
3041229	17mm	230	14	31	26	8,5	155		
3041230	18mm	240	16	33	28	8,5	170		
3041231	19mm	250	16	35	29	9,5	195	5	1
3041232	20mm	260	17	38	31	9,5	300		
3041233	21mm	270	17	40	32	10	310		
3041234	22mm	280	19	42	34	10	380		
3041235	23mm	290	19	44	35	11	420		
3041236	24mm	310	21	46	36	11	500		
3041237	26mm	330	21	50	39	11	500		

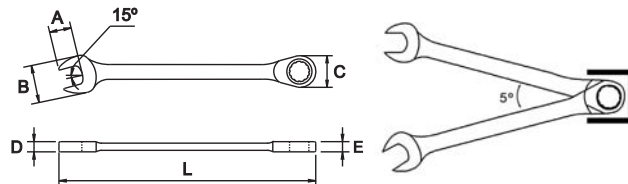
INCH / 英制

3041238	5/16"	145	6,5	15	13	5,0	30	10	1
3041239	3/8"	165	8,0	18	16	5,0	50		
3041240	7/16"	170	9,5	20	18	6,0	60		
3041241	1/2"	180	11	24	21	7,0	75		
3041242	9/16"	195	12	26	22	7,0	95		
3041243	5/8"	210	14	29	25	8,0	130		
3041244	11/16"	230	14	31	26	8,5	155		
3041245	3/4"	250	16	35	29	8,5	195		
3041246	13/16"	270	17	40	32	9,5	300		
3041247	7/8"	280	19	42	34	10	310	5	1
3041248	15/16"	310	19	46	36	11	420		
3041249	1"	330	21	50	39	11	500		

Cr-V DIN 1711

CLASSICGEAR 通用经典型

CLASSICGEAR COMBINATION RATCHET WRENCH / 通用棘轮梅花开口扳手







MM / 公制
COD

		L mm	A	B	C	D	E	gr.		
3041260	8mm	130	10	20	19	4,7	7,7	49	10	1
3041261	9mm	150	12	24	21	5,3	8,2	59		
3041262	10mm	170	14	26	23	5,9	8,5	80		
3041263	11mm	190	15	30	26	6,5	9,4	110		
3041264	12mm	200	16	31	29	7,1	9,7	140		
3041265	13mm	220	17	37	32	7,7	10,8	195		
3041266	14mm	240	19	41	35	8,3	11,3	230		
3041267	15mm	250	21	44	39	8,9	11,8	280		
3041268	16mm	270	22	50	44	9,4	12,3	360	8	1
3041269	17mm	290	23	55	48	10,2	13,1	520		
3041270	18mm	320	26	60	55	11,2	14,1	650		
3041271	19mm	330	26	65	55	12,4	15,8	940		
3041272	21mm	390	36	65	55	12,4	15,8	940		

DIN 1711

CLASSICGEAR 通用经典型

CLASSICGEAR COMBINATION RATCHET WRENCH / 通用型棘轮梅花开口扳手

INCH / 英制											
COD		L mm	A	B	C	D	E				
3041276	5/16"	130	10	20	19	4,7	7,7	50	10	1	
3041277	3/8"	150	12	24	21	5,3	8,2	60			
3041278	7/16"	170	14	26	23	5,9	8,5	80			
3041279	1/2"	190	16	30	26	6,5	9,4	110			
3041280	9/16"	200	17	31	29	7,1	9,7	140			
3041281	5/8"	220	20	37	32	7,7	10,8	195			
3041282	11/16"		21	41	35	8,3	11,3	230			
3041283	3/4"	240									
3041284	13/16"	250	22	44	39	8,9	11,8	280	8		
3041285	7/8"		23								
3041286	1"	290	31	50	44	10,2	13,1	440			

DIN 1711

SET / 通用型棘轮梅花开口扳手 组套

MM / 公制

A

3041290	6	8, 10, 12, 13, 17, 19
3041291	12	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

INCH / 英制

A

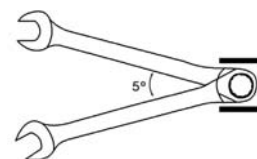
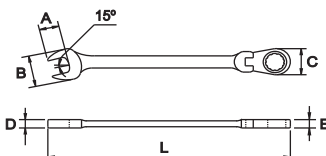
3041292	6	5/16", 3/8", 7/16", 1/2", 11/16", 3/4"
3041293	10	3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 1"



CLASSICGEAR JOINT COMBINATION RATCHET WRENCH /

通用型活动头棘轮梅花开口扳手

A



MM / 公制 AF

3041298	8mm	140	10	20	19	4,5	7,7	55	10
3041299	9mm	160	12	24	21	5,0	8,2	70	
3041300	10mm	160	12	24	21	5,0	8,2	70	
3041301	11mm	175	14	26	23	6,0	8,5	95	
3041302	12mm	190	15	30	26	6,5	9,4	130	
3041303	13mm	190	16						
3041304	14mm	210	17	31	29	7,0	9,7	170	
3041305	15mm								
3041306	16mm	230	19	37	32	8,0	10,8	220	
3041307	17mm		20						
3041308	18mm								
3041309	19mm	250	21	41	35	8,0	11,3	260	
3041310	21mm	260	22	44	39	9,0	11,8	310	
3041311	22mm		23						
3041312	24mm	270		50	44	9,5	12,3	390	8
3041327	27mm	290	26	55	48	10	13,1	540	
3041328	30mm	320	32	60		11	14,1	670	
3041329	32mm	390	36	65	55	12	15,8	1040	

DIN 1711

SET / 通用型活动头棘轮梅花开口扳手 组套

MM / 公制 UN.

A

3041334	6	8, 10, 12, 13, 17, 19
3041335	12	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

INCH / 英制 UN.

A

3041336	6	5/16", 3/8", 7/16", 1/2", 11/16", 3/4"
3041337	10	3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 1"

INCH / 英制 AF

3041314	5/16"	140	10	20	19	4,5	7,7	50	10
3041315	3/8"	155	12	24	21	5,0	8,2	70	
3041316	7/16"	175	14	26	23	6,0	8,5	95	
3041317	1/2"	195	16	30	26	6,5	9,4	130	
3041318	9/16"	210	17	31	29	7,0	9,7	170	
3041319	5/8"	230	19	37	32	7,5	10,8	220	8
3041320	11/16"		20						
3041321	3/4"	250	21	41	35	8,0	11,3	260	
3041322	13/16"	260	22	44	39	9,0	11,8	310	
3041323	7/8"		23						
3041324	1"	290	31	50	44	10	13,1	390	

DIN 1711

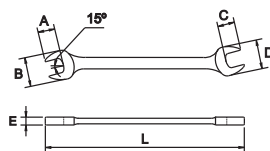


A mirror polished chrome plating / 镜面抛光镀铬

4.4 WRENCHES / 通用扳手

OPEN-END WRENCHES / 双开口扳手

MM / 公制



A	B	AF	L	A	B	C	D	E	gr.		
-	3041363	4x4,5mm	100	9,0	13	9,0	14	3,4	10		
-	3041364	4x5mm			14		16		20		
-	3041365	5x5,5mm			16	10	18	3,9	22		
-	3041366	5,5x7mm			19		21		25		
3041341	3041367	6x7mm	125	9,5	21	11	24		38		
-	3041368	7x8mm			26		28	5,5	40		
3041342	3041369	8x9mm	140	10	28		32		50		
-	3041370	8x10mm			30	15	33		55		
3041343	3041371	10x11mm	155	11	33		34		70		
-	3041372	10x13mm			35	16	36		100		
-	3041373	11x13mm			39		41		110		
3041344	3041374	12x13mm	175	12	43	22	47		130		
-	3041375	12x14mm			47		50		160		
-	3041376	13x14mm			50	23	55		200		
-	3041377	13x15mm	190	14	55		65		250		
-	3041378	13x16mm			60	35	70		330		
3041345	3041379	14x15mm	210	17	60		70		420		
-	3041380	13x17mm			80	42	80		430		
-	3041381	14x17mm			80		80		500		
3041346	3041382	16x17mm	220	18	80	42	80		550		
-	3041383	16x18mm			90	47	80		850		
3041347	3041384	17x19mm	230	19	90		80		1200		
-	3041386	18x21mm			100	50	90		1500		
-	3041387	19x22mm	240	23	100		90				
3041349	3041388	20x22mm	250	27	100		90				
3041350	3041389	21x23mm	260	30	100		90				
-	3041390	21x24mm			100		90				
-	3041391	22x24mm	270	30	100		90				
3041351	3041392	24x26mm	290	34	100		90				
3041352	3041393	24x27mm	300	36	100		90				
3041353	3041394	25x28mm	320	36	100		90				
3041354	3041395	27x29mm	370	42	100		90				
-	3041396	27x30mm	400	47	100		90				
-	3041397	27x32mm			100		90				
3041355	3041398	30x32mm			100		90				
-	3041399	36x41mm			100		90				
-	3041400	41x46mm			100		90				
-	3041401	46x50mm			100		90				

Cr-V DIN 3110

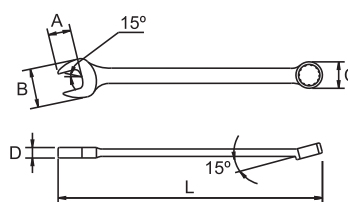
INCH / 英制

A



COD	A	AF	L	A	B	C	D	E	gr.		
3041410	1/4-5/16"	120	8,0	14	9,0	17	3,6	22			
3041411	5/16-3/8"	140	10	20	12	22	3,8	38			
3041412	5/16-11/32"		11				4		50		
3041404	11/32-13/32"	145	12	22					55		
3041413	3/8-7/16"	160	13	22	13	24			60		
3041414	7/16-1/2"	175	14	26	15	28	5,5		70		
3041415	1/2-9/16"	190	17	27		33			85		
3041416	9/16-5/8"	200	18	30	17	38	6,0		115		
3041417	19/32-11/16"	210	19	35	19	38	7,0		125		
3041418	5/8-11/16"				20	36			130		
3041419	5/8-3/4"	220	19	38		40	6,0		160		
3041420	11/16-3/4"	230	21	39	21	41	6,5		190		
3041421	3/4-25/32"						7,0		200		
3041405	3/4-13/16"	230	21	44	24	48			250		
3041422	3/4-7/8"	250	25	45		50	7,5		260		
3041423	13/16-7/8"	260							330		
3041424	7/8-15/16"								370		
3041425	15/16-1"								390		
3041426	15/16-1.1/8"								420		
3041406	1-1.1/16"	280	26	50	29	60	8,0		430		
3041427	1-1.1/8"				28				500		
3041428	1.1/16-1.1/8"				30						
3041429	1.1/16-1.1/4"	320	28	55	31		8,5				
3041407	1.1/8 - 1.1/4"	300	35	60		65			550		
3041408	1.3/16 - 1.5/16"								650		
3041409	1.3/8 - 1.1/2"	320	36	70	36	70	10		850		
3041430	1.7/16-1.5/8"				42	80	12				

Cr-V DIN 3110



MM / 公制

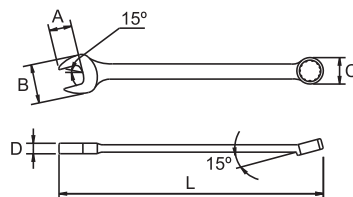
A	COD	B	AF	L	A	B	C	D	gr.	
			mm	mm						
-	3041465	3,2mm	70	3,7	11	10		8,0		
-	3041466	4mm	65	3,7	8,5	8,0		9,0		
-	3041467	4,5mm	70	4,0	9,0	8,5	3,0	10		
-	3041468	5mm	80	4,5	11	9,0				
-	3041469	5,5mm	100	7,0	14	11		16		
3041435	3041470	6mm		7,0	16	12	3,3			
3041436	3041471	7mm	110				3,6	20		
3041437	3041472	8mm	120	10	18	13	4,5	25		
3041438	3041473	9mm	130		19	15	5,0	30		
3041439	3041474	10mm	140	11	21	17	5,5	38		
3041440	3041475	11mm		12	23	18		45	10	
3041441	3041476	12mm	160	14	25	19		52		
3041442	3041477	13mm		15	27	20	6,5	70		
3041443	3041478	14mm	180		29	21		75		
3041444	3041479	15mm	190	16	32	23		90		
3041445	3041480	16mm	200		33	24			1	
3041446	3041481	17mm	210	18	35	26	7,5	110		
3041447	3041482	18mm		21	38			135		
3041448	3041483	19mm	230		39	29		160		
3041449	3041484	20mm	240	23	41	30		180		
3041450	3041485	21mm	250	24	46	31	8,0	210		
3041451	3041486	22mm	260	25	48	33		220		
3041452	3041487	23mm		26		35		260		
3041453	3041488	24mm	280		49			280		
3041454	3041489	25mm	300	29	50	36	9,0	290		
3041455	3041490	26mm			55	37		360		
3041456	3041491	27mm	330			41	10	420		
3041457	3041492	28mm		32	60	42		450		
3041458	3041493	29mm	340				11	500		
3041459	3041494	30mm		33	65	43		550		
3041460	3041495	32mm	350	34		47		600	5	
-	3041496	34mm	420			49	13	650		
-	3041497	36mm	460	36	75	60	14	800		
-	3041498	38mm								
-	3041499	41mm	550	41	90	70	17	1250		
-	3041500	46mm		46				1750		
-	3041501	50mm	600	50	95	75	18	2000		
-	3041502	55mm		55	110	85	19	2200		
-	3041503	60mm	650	60	115	90	21	2900		
-	3041504	65mm	700	65	125	100	23	2300		

Cr-V DIN 3113



4.4 WRENCHES / 通用扳手

COMBINATION WRENCHES / 梅花开口扳手



INCH / 英制
COD A

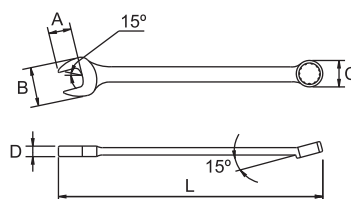


		L mm	A	B	C	D	gr.		
3041510	3/16"	95	5,0	14	9,0	3,0	8,0	10	1
3041511	7/32"								
3041509	15/64"	100	6,5	14	9,0	3,8	16		
3041512	1/4"								
3041513	5/16"	120	9,0	17	12	4,5	25		
3041514	11/32"	130	10	19	15	5,5	28		
3041515	3/8"	140	11	26	16	5,5	38		
3041516	7/16"	170	14		20	6,0	45		
3041517	1/2"		15			6,5	70		
3041518	9/16"	180		29	21	7,0	75		
3041519	19/32"	190	16	31	23	7,5	90	5	1
3041520	5/8"	200	17	32	25				
3041521	11/16"		19	37	28	8,0	130		
3041522	3/4"	220	20				160		
3041523	25/32"	240	22	41	31		180		
3041524	13/16"	250	23	43	32		210		
3041525	7/8"	280	24	48	35	8,5	220		
3041526	15/16"		26	50	36		280		
3041527	1"	290	27		38	9,0	300		
3041528	1.1/16"	310	29	55	39		420		
3041529	1.1/8"		33	60	42	10	450	1	-
3041530	1.3/16"	360			43	11	500		
3041531	1.1/4"	390	34		45		600		
3041532	1.5/16"		37	65	50	13			
3041533	1.3/8"	420					800		
3041534	1.7/16"		41	75	55	14			
3041535	1.1/2"	460					900		
3041536	1.5/8"	500	44	85	60	15	1000		
3041537	1.3/4"	550	49	90	70	17	1100		
3041538	1.13/16"	650					1300		
3041539	1.7/8"	550	50				1700	1	-
3041540	2"			95	75	18	2050		
3041541	2.3/16"	600	55	105	80	20	2200		
3041542	2.1/4"						2800		
3041543	2.3/8"	650	60	115	90	21	2900		
3041544	2.1/2"	700	65	125	95	23	2300		

Cr-V DIN 3113

EXTRA-LONG COMBINATION WRENCHES / 超长 梅花开口扳手

NEW



MM / 公制

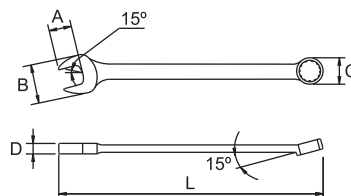
COD B



3044405	6	130	7	14	11	5	18	10	1
3044406	7	140		15	12	5,5	20		
3044407	8	150	10	18	14	6	30		
3044408	9	160		20	15	6,5	35		
3044409	10	170	11	22	16	7	50		
3044410	11	180	12	24	18	7,5	55		
3044411	12	195	14	26	19	8	65		
3044412	13	210	15	27	21	8,5	95		
3044413	14	220	16	30	22	9,5	115		
3044414	15	230		32	23	10	120		
3044415	16	240	18	34	24	11	160		
3044416	17	250		37	27	12	190		
3044417	18	270	21	38	28		195		
3044418	19	280		40	29	13	260		
3044419	20	290	23	42	30		300		
3044420	21	300	24	43	32	14	320		
3044421	22	310	25	45		330			
3044422	23	330	26	46	34	15	380		
3044423	24	340		50	36	16	450		
3044424	25	350	29	53	37	17	530		
3044425	26	370		54	38	18			
3044426	27	390	32	56	40		19	760	
3044427	28			57	41				
3044428	29	410	33	59	43	20	820		
3044429	30	420		60	44				
3044430	32	440	34	65	47	21	1000		

Cr-V DIN 3113

NEW



INCH / 英制

COD A

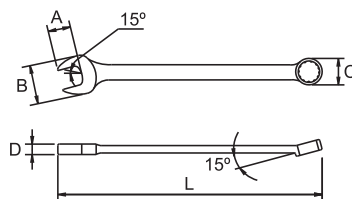


3044442	3/4"	280	19	40	29	8,5	260	10	1
3044443	13/16"	300	21	43	32	9	320		
3044444	7/8"	310	22	45	33	9,5	330	5	
3044445	15/16"	340	24	50	36	10	440		
3044446	1"	350	25	53	37	11	530		
3044447	1.1/16"	390	27	56	40	12			
3044448	1.1/8"	410	29	59	43	13	760		
3044449	1.1/4"	440	32	65	47	14	1000		

Cr-V DIN 3113

4.4 WRENCHES / 通用扳手

MAXI COMBINATION WRENCHES / 大型号 梅花开口扳手



MM / 公制

COD



INCH / 英制

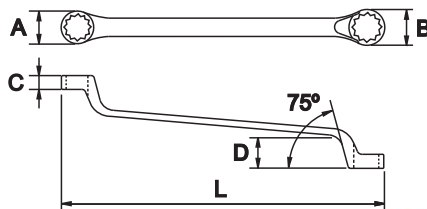
COD



3040010	70mm	650	75	145	115	24	4,2	1	-
3040011	75mm								
3040012	80mm	700	85	160	120	26	5,4		
3040013	85mm								
3040014	90mm	750	95	180	140	27	7,1		
3040015	95mm								
3040016	100mm	800	105	195	150	28	8,4		
3040017	105mm								
3040018	110mm	850	115	210	165	28	9,8		
3040019	115mm								
3040020	120mm	900	125	230	180		12,1		
3040021	125mm								

3040030	2.3/4"	650	75	145	115	24	4,2	1	-
3040031	3"								
3040032	3.1/4"	700	85	160	120	26	5,3		
3040033	3.1/2"	750	95	180	140	27	7,2		
3040034	3.3/4"	800	105	195	150				
3040035	4"					28	8,4		
3040036	4.1/4"	850	115	210	165				
3040037	4.1/2"					28	9,8		
3040038	4.3/4"	900	125	230	180				
3040039	5"						12,1		

DOUBLE OFFSET RING WRENCHES / 弯头双梅扳手



INCH / 英制

COD A



INCH / 英制

COD



3041615	1/4-5/16"	170	10	12	5,5	18	50	10	1
3041616	5/16-11/32"	180	13	16	6,0	17	55		
3041617	5/16-3/8"	185			5,5	20	65		
3041618	3/8-7/16"	200	14		7,0	22	85		
3041619	7/16-1/2"	220	19	20			90		
3041620	1/2-9/16"	240	21	23	9,0	24	100		
3041621	9/16-5/8"		20			26	125		
3041622	19/32-11/16"	260	24	25	10	27	130		
3041623	5/8-11/16"			27			140		
3041624	5/8-3/4"	290	26	29	13	30	165		
3041625	11/16-3/4"						180		
3041626	11/16-13/16"						240		
3041627	3/4-25/32"		31	30	14		360	5	1
3041628	3/4-7/8"	320					380		
3041629	3/4-13/16"			33			400		
3041630	13/16-7/8"		30		15	31	440		
3041631	7/8-15/16"	330	34	37			470		
3041632	7/8-1.1/16"	340							
3041633	15/16-1"	320	38	41	15	35	600		
3041634	1-1.1/16"	340							
3041635	1-1.1/8"	350	43						
3041636	1.1/16-1.1/8"	360	44	48	16	36	650		
3041637	1.1/16-1.1/4"								
3041638	1.1/8-1.1/4"	370		65					

Cr-V DIN 838

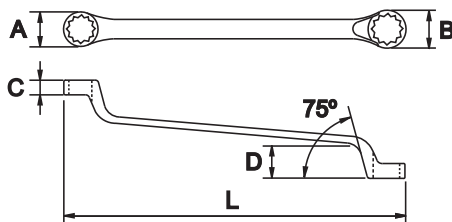
A mirror polished chrome plating / 镜面抛光镀铬

B aerospatial chrome plating / 航天镀铬

4.4

WRENCHES / 通用扳手

DOUBLE OFFSET RING WRENCHES / 弯头双梅扳手



MM / 公制

COD



AF

L

A

B

C

D

gr.



-	3041574	5,5-6mm	165							
3041555	3041575	6-7mm	170	11	12	4,5	19	45		
-	3041576	7-8mm		13	16	6,5		55		
3041556	3041577	8-9mm	180		17		17	65		
-	3041578	8-10mm		15		7,0		55		
3041557	3041579	10-11mm	200	17	19	7,5		85		
-	3041580	10-12mm								
-	3041581	10-13mm					22			
-	3041582	11-13mm		19	20			90		
-	3041583	11-14mm	220			9,0		110	10	
3041558	3041584	12-13mm			21		23	120		
-	3041585	12-14mm						125		
-	3041586	13-14mm								
3041559	3041587	14-15mm	240	21	24	9,5		140		
-	3041588	13-16mm				10		155		
-	3041589	13-17mm	250		23			160		
-	3041590	14-17mm				11	25	180		1
3041560	3041591	16-17mm	260	25	27	12		200		
-	3041592	16-18mm		27				220		
-	3041593	17-19mm	290	28	29		27	270	8	
3041561	3041594	18-19mm				13	26	280		
-	3041595	18-21mm	320	31	33		29	360		
-	3041596	19-22mm		32	34			400		
3041562	3041597	20-22mm		35			30	410		
3041563	3041598	21-23mm	330		39			450		
-	3041599	21-24mm		36				490		
-	3041600	22-24mm			41	15	31	600	5	
3041564	3041601	24-26mm	340	37	42			650		
-	3041602	24-27mm					32	700		
3041565	3041603	25-28mm	350	39	43			750		
3041566	3041604	27-29mm				16	33	900		
-	3041605	27-30mm	360	41	44			1100		
3041567	3041606	30-32mm	370	44	47		38			
-	3041607	32-36mm	400	55	48	18	41			
-	3041608	34-36mm	420		50	19				
3041568	3041609	36-41mm	550	70	75		49			
-	3041610	41-46mm	460	65	60	21	45	1600		
3041569	3041611	46-50mm	550	70	75	20	50	2000		

Cr-V DIN 838



4.4

WRENCHES / 通用扳手

SETS / 公制扳手组套

双开口扳手组套, 镜面抛光镀铬, 公制

UN.

A

3041650	6	6-7, 8-9, 10-11, 12-13, 14-15, 16-17
3041651	8	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22
3041652	10	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-26
3041653	12	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-26, 25-28, 30-32
3041654	12	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-27, 25-28, 30-32

双开口扳手组套, 航天镀铬, 公制

UN.

B

3041658	6	6-7, 8-9, 10-11, 12-13, 14-15, 16-17
3041659	8	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22
3041660	10	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-26
3041661	12	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-26, 25-28, 30-32
3041662	12	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-27, 25-28, 30-32

梅花开口扳手组套, 镜面抛光镀铬, 公制

UN.

A

3041668	6	8, 10, 12, 14, 17, 19
3041669	8	8, 10, 12, 13, 14, 17, 19, 22
3041670	10	8, 9, 10, 11, 12, 13, 14, 17, 19, 22
3041671	12	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17
3041672	13	6, 8, 10, 11, 13, 14, 15, 17, 19, 20, 22, 24, 25
3041673	14	10, 11, 12, 14, 16, 17, 19, 20, 22, 24, 25, 27, 28, 32
3041674	15	10, 11, 13, 14, 15, 17, 19, 20, 22, 24, 25, 27, 29, 30, 32
3041675	17	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22
3041676	17	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24
3041677	26	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32

梅花开口扳手组套, 航天镀铬, 公制

UN.

B

3041682	6	8, 10, 12, 14, 17, 19
3041683	8	8, 10, 12, 13, 14, 17, 19, 22
3041684	10	8, 9, 10, 11, 12, 13, 14, 17, 19, 22
3041685	12	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17
3041686	13	6, 8, 10, 11, 13, 14, 15, 17, 19, 20, 22, 24, 25
3041687	14	10, 11, 12, 14, 16, 17, 19, 20, 22, 24, 25, 27, 28, 32
3041688	14	10, 11, 12, 14, 16, 17, 19, 20, 22, 24, 25, 27, 30, 32
3041689	15	10, 11, 13, 14, 15, 17, 19, 20, 22, 24, 25, 27, 29, 30, 32
3041690	17	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22
3041691	17	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24
3041692	26	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32

弯头双梅扳手组套, 镜面抛光镀铬, 公制

UN.

A

3041700	6	6-7, 8-9, 10-11, 12-13, 14-15, 16-17
3041701	8	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22
3041702	10	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-26
3041703	12	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-26, 25-28, 30-32

弯头双梅扳手组套, 航天镀铬, 公制

UN.

3041705	6	6-7, 8-9, 10-11, 12-13, 14-15, 16-17
3041706	8	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22
3041707	10	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-26
3041708	12	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-26, 25-28, 30-32

SETS / 英制扳手组套

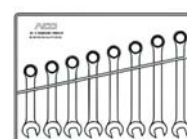
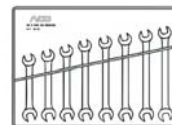
OPEN-END WRENCHES /

双开口扳手组套, 镜面抛光镀铬, 英制

UN.

A

3041710	6	3/8-7/16, 1/2-9/16, 9/16-5/8, 19/32-11/16, 5/8-11/16, 13/16-7/8
3041711	8	3/8-7/16, 1/2-9/16, 9/16-5/8, 19/32-11/16, 5/8-11/16, 3/4-7/8, 13/16-7/8, 15/16-1
3041712	10	1/4-5/16, 5/16-3/8, 3/8-7/16, 1/2-9/16, 9/16-5/8, 5/8-11/16, 13/16-7/8, 15/16-1, 1-1.1/8, 1.1/16-1.1/4
3041713	12	1/4-5/16, 5/16-3/8, 3/8-7/16, 1/2-9/16, 9/16-5/8, 5/8-11/16, 3/4-7/8, 13/16-7/8, 15/16-1, 1-1.1/8, 1.1/16-1.1/8, 1.1/16-1.1/4



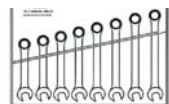
SETS / 英制扳手套组

COMBINATION WRENCHES /

梅花开口扳手套组, 镜面抛光镀铬, 英制

组套可以按需订制, 数量1套起订。用户可以自行选择不同尺寸, 合成组套; 再同时订购工具袋 (参考第10章600-602页)。

UN.	A
3041715 6	3/8, 7/16, 1/2, 9/16, 5/8, 3/4
3041716 8	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4
3041717 10	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 1
3041718 12	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1
3041719 13	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1
3041720 14	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1.1/16, 1.1/8, 1.1/4
3041721 15	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1.1/16, 1.1/8, 1.1/4
3041722 17	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1.1/16, 1.1/8



DOUBLE OFFSET RING WRENCHES /

弯头双梅扳手套组, 镜面抛光镀铬, 英制

UN.	A
3041730 6	3/8-7/16, 1/2-9/16, 9/16-5/8, 19/32-11/16, 5/8-11/16, 13/16-7/8
3041731 8	3/8-7/16, 1/2-9/16, 9/16-5/8, 19/32-11/16, 5/8-11/16, 3/4-7/8, 13/16-7/8, 15/16-1
3041732 10	1/4-5/16, 5/16-3/8, 3/8-7/16, 1/2-9/16, 9/16-5/8, 5/8-11/16, 13/16-7/8, 15/16-1, 1-1.1/8, 1.1/16-1.1/4
3041733 12	1/4-5/16, 5/16-3/8, 3/8-7/16, 1/2-9/16, 9/16-5/8, 5/8-11/16, 3/4-7/8, 13/16-7/8, 15/16-1, 1-1.1/8, 1.1/16-1.1/8, 1.1/16-1.1/4



SLIM OPEN-END WRENCHES /

超薄型 双开口扳手

MM / 公制	AF	L	A	B	C	D	E	gr.		
3044460	6x7mm	150	7	17	8	20	2.2	21		
3044461	8x9mm		9	21	10	25	2.6	40		
3044462	10x11mm	175	11	21	12	25	2.6	40		
3044463	12x13mm		13	29	14	34	3.6	85		
3044464	14x15mm	210	16	29	17	34	3.6	85		
3044465	16x17mm		18	38	18	43	4.6	170		
3044466	18x19mm	250	20	38	21	43	4.6	170		
3044467	20x22mm		24	49	26	55	5.6	330		
3044468	21x23mm	290	24	49	26	55	5.6	330		
3044469	22x24mm		24	49	26	55	5.6	330		

INCH / 英制

Cr-V ISO 3318

3044480	1/4"x5/16"	150	7	17	8	20	2.2	21		
3044481	5/16"x3/8"		9	21	10	25	2.6	40		
3044482	3/8"x7/16"	175	11	21	12	25	2.6	40		
3044483	7/16"x1/2"		13	29	14	34	3.6	85		
3044484	1/2"x9/16"	210	16	29	17	34	3.6	85		
3044485	5/8"x11/16"		18	38	18	43	4.6	170		
3044486	11/16"x3/4"	250	20	38	21	43	4.6	170		
3044487	13/16"x7/8"	290	24	49	26	55	5.6	330		

Cr-V

SETS / 超薄型 双开口扳手套组

UN.	B
3044496 6	8x9, 10x11, 12x13, 14x15, 16x17, 18x19
3044497 10	6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 22x24
3044498 6	3/8"x7/16", 7/16"x1/2", 1/2"x9/16", 5/8"x11/16", 11/16"x3/4", 13/16"x7/8"
3044499 8	1/4"x5/16", 5/16"x3/8", 3/8"x7/16", 7/16"x1/2", 1/2"x9/16", 5/8"x 11/16", 11/16"x3/4", 13/16"x7/8"

NEW

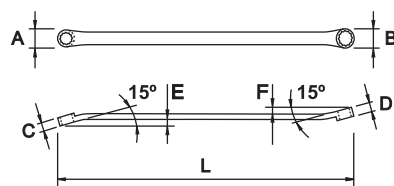


A mirror polished chrome plating / 镜面抛光镀铬

B aerospace chrome plating / 航天镀铬

4.4 WRENCHES / 通用扳手

SLIM RING WRENCHES 15° BENT / 超薄型 双梅花扳手 (15°弯头)



	B	AF	L mm	A	B	C	D	E	F	gr.		
3044510	7/32"-1/4"		205	11	13		8.0	4.0	4.0	50		
3044511	1/4"-5/16"					6.5	7.5					
3044512	5/16"-3/8"		235	13	16		8.0	4.5	6.0	70	10	1
3044513	3/8"-7/16"		290	17	19	8.0	9.0	5.0		120		
3044514	1/2"-9/16"		330	20	22	10	11	8.0	6.5	160		

Cr-V AS95E

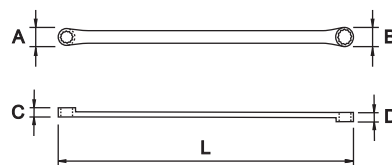
SETS / 超薄型 双梅花扳手组套 (15°弯头)

	UN.	B
3044530	5	7/32"-1/4", 1/4"-5/16", 5/16"-3/8", 3/8"-7/16", 1/2"-9/16"

NEW



SLIM FLAT RING WRENCHES / 超薄型 平头双梅花扳手



	COD B	AF	L mm	A	B	C	D	gr.		
3044525	7/32"-1/4"		205	11	13		7.5	50		
3044526	1/4"-5/16"					6.5				
3044527	5/16"-3/8"		235	13	16		8.0	75	10	1
3044528	3/8"-7/16"		290	16	19	8.0	9.0	115		
3044529	1/2"-9/16"		330	20	23	9.5	11	160		

Cr-V DIN 838

SET / 超薄型 平头双梅花扳手组套

	COD	UN.	B
3044531	5		7/32"-1/4", 1/4"-5/16", 5/16"-3/8", 3/8"-7/16", 1/2"-9/16"

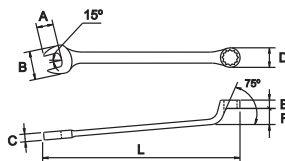
NEW



A mirror polished chrome plating / 镜面抛光镀铬

B aerospace chrome plating / 航天镀铬

COMBINATION DEEP OFFSET SPANNER / 弯头梅花开口扳手



COD	B	AF	L	A	B	C	D	E	F	gr.		
3041800	6mm	115	9,5	17	3,7	12	6,0	5,0	17			
3041801	7mm	125	10	20	4,0	13	6,5	5,5	25			
3041802	8mm	140	11	23	4,5	14	7,5	6,0	23			
3041803	9mm	145				15		7,0	40			
3041804	10mm	150	12	27	5,0	16	8,0	7,5	43			
3041805	11mm	170	14	30	5,5	18	8,5	8,0	65			
3041806	12mm	185	15	31	6,0	20	9,0	8,5	90			
3041807	13mm	190	16	35	6,0	21	9,5	12	95			
3041808	14mm	200	18	38	8,0	22	10	16	115			
3041809	15mm	210	19	40	8,5	24	12	18	130			
3041810	16mm	230	20	43	9,0	26	13	20	170			
3041811	17mm	250	21	46	9,5	27	14	21	175			
3041812	18mm	260	22	47	10	29	16	23	240			
3041813	19mm	280	23	50	11	31	18	24	250			
3041814	21mm	290	24	55	13	33		25	270			
3041815	22mm	300	26	59	14	34		26	320			
3041816	23mm	320	28	60	16	36		27	350			
3041817	24mm	340	29	65	18	38		28	380			
3041818	25mm	350	30	70	20	39		30	420			
3041819	26mm	360	32	75	22	42		32	470			
3041820	27mm	370	33	80	24	45		34	550			
3041821	28mm	380	34	85	26	46		35	600			
3041822	29mm	400				47			750			
3041823	30mm	410										
3041824	32mm	410										

Cr-V DIN 3113-B

SET / 弯头梅花开口扳手 组套

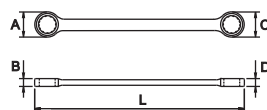
MM / 公制

COD	UN.	B
3041828	8	8, 9, 10, 11, 12, 13, 14, 17
3041829	12	8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19, 22



DOUBLE ENDED FLAT RING SPANNER /

平头梅花扳手



COD	B	AF	L	A	B	C	D	gr.			
3041840	6-7mm	90	10	3,4	12	4,4	5				
3041841	8-9mm	105	12	5,5	14	5,5	10				
3041842	10-11mm	120	15	6,0	16	6,0	23				
3041843	12-13mm	125	16	7,5	18	7,5	35				
3041844	14-15mm	145	20	8,5	21	8,0	55				
3041845	16-17mm	160	24	9,0	25	8,5	60				
3041846	17-19mm	175	27	11	28	9,0	75				
3041847	18-19mm		28	12	34	11	160				
3041848	20-22mm		30	13	39	12	200				
3041849	21-23mm	210	35	13	41	13	300				
3041850	24-27mm	250	36		46	14	370				
3041851	25-28mm	260									
3041852	30-32mm	290									

Cr-V DIN 837

SET /

平头梅花扳手套组 (参考下一页)

A mirror polished chrome plating / 镜面抛光镀铬

B aerospace chrome plating / 航天镀铬

4.4 WRENCHES / 通用板手

SET / 平头梅花扳手 组套

MM / 公制 UN.

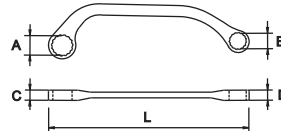
B

3041856	8	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22
3041857	8	8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23
3041858	4	21-23, 24-27, 25-28, 30-32
3041859	12	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-27, 25-28, 30-32



HALF MOON / 发动机扳手 (半月型)

B



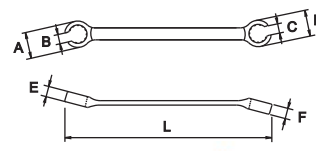
COD B	AF	L mm	A	B	C	D	gr.		
3044558	6-8mm	135	15	19	8,0	8,0	55		
3044559	8-10mm	150	20	23	9,0	9,0	90		
3044560	11-13mm	175					110		
3044566	13-15mm		25	28	10	10	120	10	1
3044561	14-16mm	185					160		
3044567	14-17mm						210		
3044562	17-19mm	210	28	31	11	11	210		
3041868	19-22mm		31				280		
3044563	21-22mm	230	32	35	12	12	300		

3044548	1/4" - 5/16"	135	15	19	8,0	8,0	55		
3044549	5/16" - 3/8"								
3044550	7/16" - 1/2"	155	20	23	9,0	9,0	90	10	1
3044551	9/16" - 5/8"	185	25	28	10	10	160		
3044552	11/16" - 3/4"	210	28	31	11	11	210		
3044553	13/16" - 7/8"	230	32	35	12	12	300		

Cr-V DIN 475

FLARE NUT / 油管扳手

B



COD B	AF	L mm	A	B	C	D	E	F	gr.		
3041875	8-10mm	145	19	6,0	7,5	21	7,5		45		
3041876	9-11mm	150	21	6,5	9,0	22		9,0	55	10	
3041877	10-11mm	150		7,5		23	8,5		100		
3041878	11-13mm	165	22	8,5	10	25		10	165		
3041879	12-14mm	180	25	9,5	11	28	9,0	11	200		
3041880	17-19mm	210	31	14	15	34	12	13	290	8	1
3041881	19-22mm	230	34	18	17	39	14	16	280		
3041882	22-24mm	250	39	17	18	41	15	17	460	6	
3041883	24-27mm	260	42	18	21	46	16	23			
3041884	30-32mm	280	48	22	24	50	20				

Cr-V DIN 3118

SET / 油管扳手 组套

MM / 公制

COD UN.

B

3041887	6	8-10, 11-13, 12-14, 17-19, 22-24, 24-27
3041888	10	8-10, 9-11, 10-11, 11-13, 12-14, 17-19, 19-22, 22-24, 24-27, 30-32



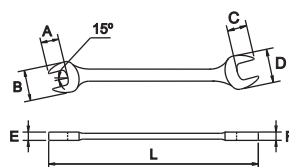
A mirror polished chrome plating / 镜面抛光镀铬

B aerospace chrome plating / 航天镀铬

4.4

WRENCHES / 通用扳手

OPEN-END / 双开口扳手



COD	AF	L mm	A	B	C	D	E	F	gr.		
3041890	6-7mm	95	6,5	14	7,5	16	3,2	3,5	20		
3041891	7-8mm	100	8,5	17	8,5	19	4,0	3,8	23		
3041892	8-9mm	105	8,5	18	9,0	20		4,0	32		
3041893	8-10mm	115	9,0	18	10	21	4,5	4,5	30		
3041894	9-11mm			19							
3041895	10-11mm	125		21	12	23		5,0	35		
3041896	10-12mm		11			26	5,0				
3041897	10-13mm	130		22	13				40		
3041898	11-13mm					28					
3041899	12-13mm	135		25			5,5	5,5	50		
3041900	12-14mm	140	12		14				45	10	
3041901	13-14mm			27		31			55		
3041902	13-15mm			28	15			6,0	70		
3041903	13-16mm	150									
3041904	14-15mm		14		16	34	6,0		75		
3041905	13-17mm	155		29				6,5	80		
3041906	14-17mm										
3041907	16-17mm	160		33	18	35	6,5		85		
3041908	16-18mm			34					110		
3041909	17-19mm		16		19	36			135		
3041910	18-19mm	170		35	20	38	7,0	7,5	130		
3041911	18-21mm					39					
3041912	17-22mm	180	18	36		44		8,0	140		
3041913	19-22mm	190		37	22		8,0		170		
3041914	20-22mm	195	19	38		45		8,5	165		
3041915	19-24mm	210	20	39		46	8,5		180		
3041916	21-23mm		22		23						
3041917	21-24mm	220		44		48		9,0	200		
3041918	22-24mm		23		24	49					
3041919	22-27mm			48	25	50			240	5	
3041920	24-27mm	240	24	49	26	55	9,5		260		
3041921	25-28mm	250			28			10	350		
3041922	24-30mm	260	25	50		60			340		
3041923	27-30mm		26	55	29		10				
3041924	27-32mm	270			30	65			400		
3041925	30-32mm		28				11	11	450		
3041926	30-34mm	290		60	32			12	500		
3041927	30-36mm		29		35	70			600		
3041928	32-36mm	300					12	13	650		
3041929	34-36mm	310	30	65	36				700		
3041930	36-41mm	340	33	70	37	75					
3041931	41-46mm	370	37	75	42	85	14	14	750		
3041932	46-50mm	400	41	80	43	90	15		900		
3041933	50-55mm	450		90	50	100		15	1500	1	-
3041934	55-60mm	495	48	100	55	110	16		1600		
3041937	65-70mm	580		110		120	18	20	2150		
3041938	75-80mm	660	65	140	70	140	23	23	3550		
			85	170	85	160	28	26	5600		

DIN 895

SET / 双开口扳手 组套

MM / 公制

COD	UN.	
3041935	8	8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 21-23, 22-24
3041936	12	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22, 21-23, 24-27, 25-28, 30-32

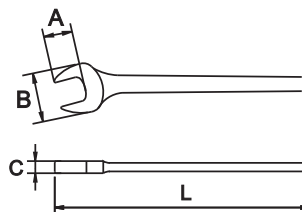











NATO (NCAGE) Code / 北约指定供应商 代码: 8552B



4.4 WRENCHES / 通用扳手

SINGLE ENDED OPEN JAW SPANNER / 单头开口扳手



COD	 mm	 inch.	 L mm	 A	 B	 C	 gr.		
3041944	8mm	5/16"	90	7,0	17	3,8	15	10	1
3041945	9mm	-	100	9,5	20	3,9	18		
3041946	10mm	-	105	11	22	4,5	20		
3041947	11mm	7/16"	110	12	23	5,5	23		
3041948	12mm	-	125	13	25		27		
3041949	13mm	-	130	14	28	6,0	37		
3041950	14mm	9/16"	140	15	29		42		
3041951	15mm	-	150		32	6,5			
3041952	16mm	-	155	16					
3041953	17mm	-	160	17	34				
3041954	18mm	-	165	18	36				
3041955	19mm	3/4"	170	20	39	7,5	75		
3041956	21mm	-	180	23	43	8,5	100		
3041957	22mm	7/8"	195		45		120		
3041958	24mm	-	210		48	9,5	140		
3041959	27mm	1.1/16"	240	27	55	10	180	5	
3041960	30mm	1.3/16"	260	29	60		300		
3041961	32mm	-	270	32	65	12	310		
3041962	34mm	1.11/32"	280	33	70	13	400		
3041963	36mm	-	300	37		14	420		
3041964	38mm	1.1/2"	320	41	75				
3041965	41mm	1.5/8"	340	42	85		800		
3041966	46mm	1.13/16"	370	44	90	15	1050		
3041967	50mm	-	390	50	100	16	1200		
3041968	55mm	-	440	55	110	17	1550		
3041969	60mm	2.3/8"	470	60	120				
3041970	65mm	2.9/16"	500		130	18			
3041971	70mm	2.3/4"	550		140	19	2250		
3041972	75mm	-	600		150	20	2850		
3041973	80mm	-	650	70	160	21	3600	1	
3041974	85mm	-			170	22	3500		
3041975	90mm	-			190	24	4800		
3041976	95mm	-	75		4600				
3041977	100mm	-	1000	105	220	29	7700		
3041980	105mm	-					8000		

DIN 894

SET / 组套
MM / 公制

COD UN.

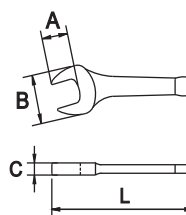
3041978	8	8, 10, 11, 12, 13, 14, 17, 19
3041979	12	8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 19, 22



4.4

WRENCHES / 通用扳手

SLOGGING OPEN WRENCH / 开口敲击扳手，公制



MM / 公制



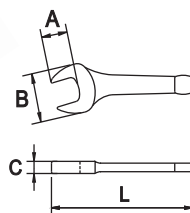
3041983	17mm	125	19	41		0,1		
3041984	19mm							
3041985	21mm				12			
3041986	22mm	135	22	46		0,2		
3041987	24mm	150	24	50			5	1
3041988	26mm					0,4		
3041989	27mm				15			
3041990	30mm		30	65	16			
3041991	32mm	190	32			0,6		
3041992	34mm	200	34	70				
3041993	36mm	210	36	75	17	0,7		
3041994	38mm	220	38	80		0,8		
3041995	41mm	230	41	90	18	0,9		
3041996	46mm	250	46	100	20	1,5		
3041997	50mm	280	50	110	21			
3041998	54mm	305		117	23	2,0		
3041999	55mm	300	55	120				
3042000	56mm	305		117	23			
3042001	60mm	320	60	130		3,0		
3042002	65mm	340	65	140	28	5,0		
3042003	70mm	370	70					
3042004	75mm	380	75	160	29	6,0		
3042005	80mm							
3042006	85mm	400	85	175	32	7,0		-
3042007	90mm					10		
3042008	95mm	450	95	195	36	11		
3042009	100mm							
3042010	105mm	490	105		43	14		
3042011	110mm			230			1	
3042012	115mm	500	115		45			
3042013	120mm							
3042014	125mm		125	250		19		
3042015	130mm	550		270	50			
3042016	135mm		135					
3042017	140mm							
3044058	145mm	650	145	290	55	24		
3044059	150mm		150					
3044060	155mm							
3044061	160mm	645	160	310	60	27		
3044062	165mm							
3044063	170mm	705	170	330		30		
3044064	175mm				65			
3044065	180mm	720	180	350		33		1
3044066	185mm							
3044067	190mm	755	190	370		39		
3044068	195mm				70	46		
3044069	200mm	760	200	390		50		

DIN 133



4.4 WRENCHES / 通用扳手

SLOGGING OPEN WRENCH / 开口敲击扳手, 英制



INCH / 英制

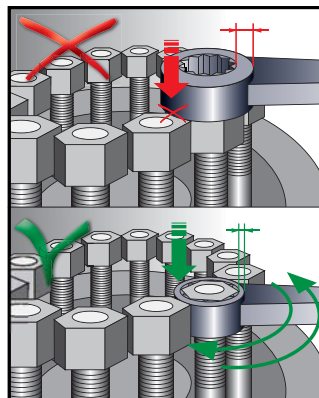
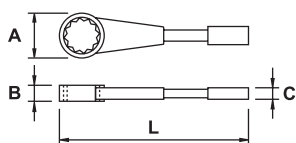
COD	AF	L	A	B	C	Kg		
3042027	3/4"	125		41	7	0,1		
3042028	7/8"	135	12	47		0,2		
3042029	15/16"	150		50	8			
3042030	1"					0,4	5	1
3042031	1.1/16"							
3042032	1.1/8"	165	14	60	9	0,5		
3042033	1.3/16"							
3042034	1.1/4"	190	16	70	10	0,6		
3042035	1.5/16"							
3042036	1.3/8"	210	17	75		0,7		
3042037	1.7/16"							
3042038	1.1/2"	220	18	80	12	0,8		
3042039	1.9/16"							
3042040	1.5/8"	230	19	90		0,9		
3042041	1.11/16"							
3042042	1.3/4"							
3042043	1.13/16"	250	20	100	13	1,2		
3042044	1.7/8"							
3042045	1.15/16"	280	21	110		1,4		
3042046	2"							
3042047	2.1/16"				14			
3042048	2.1/8"	310	23	120		1,8		
3042049	2.3/16"							
3042050	2.1/4"							
3042051	2.5/16"						1	-
3042052	2.3/8"			130	15	2,1		
3042053	2.7/16"	320	24					
3042054	2.1/2"							
3042055	2.9/16"			135	16	2,9		
3042056	2.5/8"							
3042057	2.11/16"							
3042058	2.3/4"	330	26	140	17	3,6		
3042059	2.13/16"							
3042060	2.7/8"							
3042061	2.15/16"	340	28	150	18	4		
3042062	3"							
3042063	3.1/16"							
3042064	3.1/8"							
3042065	3.1/4"	360	29	160	19	5,5		
3042066	3.5/16"							
3042067	3.3/8"							

COD	AF	L	A	B	C	Kg		
3042068	3.7/16"							
3042069	3.1/2"							
3044070	3.9/16"							
3044071	3.5/8"	400	33	185	22	7		
3044072	3.11/16"							
3044073	3.3/4"							
3044074	3.13/16"							
3044075	3.7/8"							
3044076	3.15/16"							
3044077	4"	430	40	200	24	11		
3044078	4.1/16"							
3044079	4.1/8"							
3044080	4.3/16"							
3044081	4.1/4"							
3044082	4.5/16"							
3044083	4.3/8"	500	45	240	25	14	1	-
3044084	4.1/2"							
3044085	4.9/16"							
3044086	4.5/8"							
3044087	4.11/16"							
3044088	4.3/4"							
3044089	4.13/16"			250	27	16		
3044090	4.7/8"							
3044091	4.15/16"	550	50					
3044092	5"							
3044093	5.1/4"							
3044094	5.5/16"			270	30	18		
3044095	5.3/8"							
3044096	5.1/2"							
3044097	5.3/4"							
3044098	6"	650	55	290	32	24		

DIN 133

SLOGGING RING WRENCH THIN WALL / 薄壁 梅花敲击扳手

NEW

MM / 公制
COD

		AF	L mm	A	B	C	Kg		
3044600	27mm		250	43	16	17	600	5	1
3044601	30mm		256	47	18	19	750		
3044602	32mm		260	49	19	21	1050		
3044603	36mm		270	55	22	21	1250		
3044604	41mm		278	61	24	23	1500		
3044605	46mm		287	67	26	24	1750	1	-
3044606	50mm		296	72	28	25	2000		
3044607	55mm		303	78	30	27	2350		
3044608	60mm		315	85	33	28	2650		
3044609	65mm		322	93	35	29	2900		
3044610	70mm		325	99	37	30	3300		
3044611	75mm		338	106	39	31	3700		
3044612	80mm		348	112	42	32	4000		
3044613	85mm		350	119	43	33	4250		
3044614	90mm		353	126	44	34	4600		
3044615	95mm		358	133	45	35	4900		
3044616	100mm		366	139	47	35	6500		
3044617	105mm		375	147	47	35	6500		
3044618	110mm		382	157	47	35	7200		
3044619	115mm		390	163	47	35	8000		
3044620	120mm		405	174	47	35	8000		

INCH / 英制
COD

		AF	L mm	A	B	C	Kg		
3044631	1.1/16"		250	43	16	17	600	5	1
3044632	1.1/4"		260	49	19	21	750		
3044633	1.7/16"		270	55	22	21	1050		
3044634	1.5/8"		278	61	24	22.5	1250		
3044635	1.13/16"		287	67	26	24	1500		
3044636	2"		296	72	28	25	1750	1	-
3044637	2.3/16"		303	78	30	26.5	2000		
3044638	2.3/8"		315	85	33	28	2350		
3044639	2.9/16"		322	93	35	29	2650		
3044640	2.3/4"		325	99	37	30	2900		
3044641	2.15/16"		338	106	39	31	3300		
3044642	3.1/8"		348	112	42	32	3700		
3044643	3.1/2"		353	126	44	33	4250		
3044644	3.7/8"		366	139	44	33	4900		



4.4 WRENCHES / 通用扳手

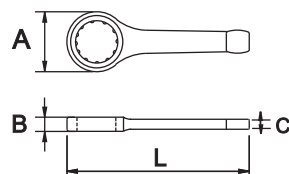
SLOGGING RING WRENCH WITH SLOT / 梅花敲击扳手（带槽），十二角



MM / 公制	AF	L	A	B	C	Kg		
3044660	17mm							
3044661	18mm	145	32	12	7			
3044662	19mm							
3044663	20mm							
3044664	21mm	155	38	13	8	0,2		
3044665	22mm							
3044666	23mm							
3044667	24mm	165	42	14	8,5			
3044668	25mm							
3044669	26mm							
3044705	27mm	175	46		9,5	0,3		
3044670	28mm							
3044671	29mm			16				
3044706	30mm	185	50			0,4	5	1
3044672	31mm							
3044673	32mm							
3044674	33mm		55		11	0,5		
3044675	34mm	210		18				
3044676	35mm							
3044677	36mm			19		0,6		
3044678	37mm		60					
3044679	38mm	220						
3044680	41mm			20	12	0,7		
3044681	42mm	225	65					
3044682	45mm							
3044683	46mm	240	75	22	13	1		
3044684	47mm							
3044685	48mm							
3044686	50mm	250	80	23		1,2		
3044687	52mm				14			
3044688	54mm							
3044689	55mm		85	24		1,4		
3044690	56mm							
3044691	58mm	270						
3044692	59mm							
3044693	60mm		90	26	15	1,6	1	-
3044694	61mm							
3044695	62mm							
3044696	63mm							
3044697	64mm	300	100	30	16	1,9		
3044707	65mm							
3044698	66mm							
3044699	67mm							
3044700	68mm	320	110	32	17	2,3		
3044701	69mm							
3044702	70mm							

COD	AF	L	A	B	C	Kg		
3044723	1/2"	100	24	9	5	0,1		
3044724	3/4"	145	32	12	7			
3044725	7/8"	155	38	13	8	0,2		
3044726	15/16"	165	42	14	9			
3044727	1"	175	46		10	0,3		
3044728	1.1/16"							
3044729	1.1/8"		50	16		0,4		
3044730	1.3/16"	185						
3044731	1.1/4"		55		11		5	1
3044732	1.5/16"			18		0,5		
3044733	1.3/8"	210		19				
3044734	1.7/16"		60					
3044735	1.1/2"	220						
3044736	1.9/16"							
3044737	1.5/8"	230	65	20	12	0,7		
3044738	1.11/16"							
3044739	1.3/4"							
3044740	1.13/16"	240	75	22	13			
3044741	1.7/8"					1		
3044742	1.15/16"							
3044743	2"	250	80	23				
3044744	2.1/16"				14			
3044745	2.1/8"		85	24		1,4		
3044746	2.3/16"							
3044747	2.1/4"	270						
3044748	2.5/16"							
3044749	2.3/8"		90	26	15	1,6	1	-
3044750	2.7/16"							
3044751	2.1/2"							
3044752	2.9/16"	300	100	28	16	2,3		
3044753	2.5/8"							
3044754	2.11/16"							
3044755	2.3/4"	320	110	32	17	2,5		

SLOGGING RING / 梅花敲击扳手, 十二角, 公制



MM / 公制

COD	AF	L	A	B	C	Kg		
3042070	17mm							
3042071	18mm	145	32	12	7			
3042072	19mm							
3042073	20mm							
3042074	21mm					0,2		
3042075	22mm	165	42	14	9			
3042076	23mm							
3042077	24mm							
3042078	25mm							
3042079	26mm							
3042080	27mm	175	46	16	10	0,3		
3042081	28mm							
3042082	29mm					0,4	5	1
3042083	30mm							
3042084	31mm	185	55			0,5		
3042085	32mm			19	11			
3042086	33mm							
3042087	34mm							
3042088	35mm	210	60			0,6		
3042089	36mm							
3042090	37mm							
3042091	38mm							
3042092	41mm		65	20	12	0,7		
3042093	42mm	230						
3042094	45mm							
3042095	46mm		75	22	13	1		
3042096	47mm							
3042097	50mm	250	80	23		1,2		
3042098	52mm							
3042099	54mm				14			
3042100	55mm		85	24		1,4		
3042101	56mm							
3042102	58mm	270					1	-
3042103	59mm							
3042104	60mm		90	26	15	1,6		
3042105	61mm							
3042106	62mm							
3042107	63mm							
3042108	64mm	300	100	30	16	1,9		
3042109	65mm							
3042110	66mm							
3042111	67mm	320	105	32	17	2,3		

COD

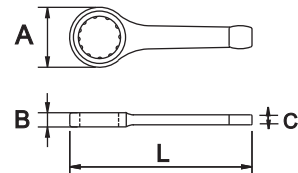
AF	L	A	B	C	Kg			
3042112	68mm							
3042113	69mm							
3042114	70mm	320	105	32	17	2,3		
3042115	71mm							
3042116	72mm							
3042117	73mm							
3042118	75mm	330	115	33	18	2,9		
3042119	76mm							
3042120	77mm							
3042121	78mm							
3042122	79mm	350	125	34	19	3,6		
3042123	80mm							
3042124	82mm							
3042125	85mm	360	130	36	20	3,9		
3042126	88mm							
3042127	90mm	390	145	39	23	7,5		
3042128	94mm							
3042129	95mm							
3042130	98mm							
3042131	100mm	420	160	43	25	9,5	1	-
3042132	102mm							
3042133	105mm							
3042134	108mm							
3042135	110mm	450	170	45	28			
3042136	115mm							
3042137	120mm	480	180	50	30	11		
3042138	125mm							
3042139	130mm		195		31	12		
3042140	135mm	500	210					
3042141	140mm							
3042142	145mm		220	60	32	14		
3042143	150mm							
3042144	155mm	550				16		
3042145	160mm		240		33	18		
3042146	165mm							
3042147	170mm	650	270	65	34	25		
3042148	175mm							
3042149	180mm							
3042150	185mm		280	70				
3042151	190mm	700			35	33		
3042152	195mm		300	75				
3042153	200mm							

DIN 7444



4.4 WRENCHES / 通用扳手

SLOGGING RING / 梅花敲击扳手，十二角，英制



INCH 英制

COD	AF	L	A	B	C	Kg		
3042160	3/4"	145	32	12	7	0,2	5	1
3042161	7/8"	165	42	14	9	0,2		
3042162	15/16"	175	46		10	0,3		
3042163	1"							
3042164	1.1/16"							
3042165	1.1/8"			16		0,4		
3042166	1.3/16"	185	55					
3042167	1.1/4"				11	0,5		
3042168	1.5/16"							
3042169	1.3/8"	210	60	19				
3042170	1.7/16"						1	-
3042171	1.1/2"							
3042172	1.9/16"		65	20	12	0,7		
3042173	1.5/8"							
3042174	1.11/16"	230						
3042175	1.3/4"							
3042176	1.13/16"		75	22	13	1		
3042177	1.7/8"							
3042178	1.15/16"	250	80	23				
3042179	2"							
3042180	2.1/16"				14	1,4	1	-
3042181	2.1/8"		85	24				
3042182	2.3/16"							
3042183	2.1/4"	270						
3042184	2.5/16"							
3042185	2.3/8"		90	26	15	1,6		
3042186	2.7/16"							
3042187	2.1/2"							
3042188	2.9/16"	300	100	30	16	2,3		
3042189	2.5/8"							
3042190	2.11/16"						1	-
3042191	2.3/4"	320	110	32	17	2,5		
3042192	2.13/16"							
3042193	2.7/8"	330	115	33	18	3,2		
3042194	2.15/16"							

COD	AF	L	A	B	C	Kg		
3042195	3"	330	115	33	18	3,2	1	-
3042196	3.1/16"	350	125	34	19	3,6		
3042197	3.1/8"							
3042198	3.1/4"							
3042199	3.5/16"	360	130	36	20	3,9		
3042200	3.3/8"							
3042201	3.1/2"							
3042202	3.9/16"							
3042203	3.5/8"	390	140	39	23	7,5		
3042204	3.11/16"							
3042205	3.3/4"						10	-
3042206	3.13/16"							
3042207	3.7/8"							
3042208	3.15/16"	420	155	43	25			
3042209	4"							
3042210	4.1/16"							
3042211	4.1/8"							
3042212	4.3/16"							
3042213	4.1/4"							
3042214	4.5/16"	450	170	45	28			
3042215	4.3/8"						11	-
3042216	4.1/2"							
3042217	4.9/16"							
3042218	4.5/8"							
3042219	4.11/16"							
3042220	4.3/4"	480	180	50	30			
3042221	4.13/16"							
3042222	4.7/8"							
3042223	4.15/16"							
3042224	5"							
3042225	5.1/4"	510	195	55	31		12	-
3042226	5.5/16"							
3042227	5.3/8"							
3042228	5.1/2"	520	210	60	32			
3042229	5.3/4"							
3042230	6"	570	220					

DIN 7444

CURVED SLOGGING RING WRENCH / 弯柄 梅花敲击扳手，十二角

MM / 公制

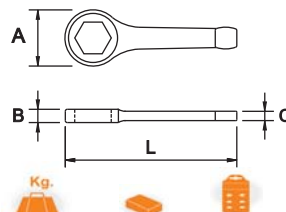
COD	AF	L	A	B	C	Kg		
3044770	22mm	140	42	14	9	0,2	1	-
3044771	24mm	160				0,3		
3044772	27mm	175	46		10	0,4		
3044773	30mm							
3044774	32mm	190	55		11	0,5		
3044775	36mm	210	60	19		0,6		
3044776	41mm	230	65	20	12	0,9		
3044777	46mm	240	75	22	13	1,1		
3044778	50mm	260	80	23		1,3		
3044779	55mm	270	85	24	14	1,5		
3044780	60mm	290	90	26	15	2	1	-
3044781	65mm	300	100	30	16	2,5		
3044782	70mm	320	110	32	17	2,8		
3044783	75mm	330	115	33	18	3,2		



4.4

WRENCHES / 通用扳手

SLOGGING RING /
梅花敲击扳手，六角，公制



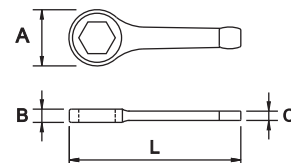
MM / 公制
COD



COD	AF	L	A	B	C	Kg		
3042237	17mm	145	32	12	7	0,2	5	1
3042238	19mm							
3042239	22mm	165	42	14	9			
3042240	24mm							
3042241	27mm	175	46	16	10	0,3		
3042242	30mm	185	55	19	11	0,4	1	-
3042243	32mm					0,5		
3042244	36mm	210	60			0,6		
3042245	41mm	230	65	20	12	0,7		
3042246	46mm		75	22	13	1		
3042247	50mm	250	80	23		1,2		
3042248	55mm	270	85	24	14	1,4		
3042249	60mm		90	26	15	1,6		
3042250	65mm	300	100	30	16	1,9		
3042251	70mm	320	105	32	17	2,3		
3042252	75mm	330	115	33	18	2,9		
3042253	80mm	350	125	34	19	3,6		
3042254	85mm	360	130	36	20	3,9		
3042255	90mm	390	145	39	23	7,5		
3042256	100mm	420	160	43	25	9,5		
3042257	110mm	450	170	45	28			
3042258	120mm	480	180	50	30	11		
3042259	130mm		195		31	12		
3042260	140mm	500	210	60	32	14		
3042261	150mm		220			16		
3042262	160mm	550	240		33			

DIN 7444

SLOGGING RING /
梅花敲击扳手，六角，英制



INCH / 英制

COD



COD	AF	L	A	B	C	Kg		
3042273	5/8"	145	32	12	7	0,2	5	1
3042274	3/4"							
3042275	7/8"	165	42	14	9			
3042276	15/16"							
3042277	1"	175	46		10	0,3		
3042278	1.1/16"						1	-
3042279	1.1/8"					0,4		
3042280	1.3/16"	185	55	16				
3042281	1.1/4"					0,5		
3042282	1.5/16"							
3042283	1.3/8"	210	60	19				
3042284	1.7/16"							
3042285	1.1/2"					0,7		
3042286	1.9/16"		65	20	12			
3042287	1.5/8"	230						
3042288	1.11/16"							
3042289	1.3/4"							
3042290	1.13/16"		75	22	13	1		
3042291	1.7/8"	250	80	23				
3042292	1.15/16"							
3042293	2"							
3042294	2.1/16"						1	-
3042295	2.1/8"					1,4		
3042296	2.3/16"							
3042297	2.1/4"	270						
3042298	2.5/16"							
3042299	2.3/8"		90	26	15	1,6		
3042300	2.7/16"							
3042301	2.1/2"							
3042302	2.9/16"	300	100	30	16	2,3		
3042303	2.5/8"							
3042304	2.11/16"							
3042305	2.3/4"	320	110	32	17	2,5		
3042306	2.13/16"							
3042307	2.7/8"	330	115	33	18	3,2		
3042308	2.15/16"							

COD	AF	L	A	B	C	Kg		
3042309	3"	330	115	33	18	3,2	1	-
3042310	3.1/16"							
3042311	3.1/8"	350	125	34	19	3,6		
3042312	3.1/4"							
3042313	3.5/16"	360	130	36	20	3,9		
3042314	3.3/8"							
3042315	3.1/2"							
3042316	3.9/16"							
3042317	3.5/8"	390	140	39	23	7,5		
3042318	3.11/16"							
3042319	3.3/4"							
3042320	3.13/16"							
3042321	3.7/8"							
3042322	3.15/16"	420	155	43	25			
3042323	4"							
3042324	4.1/16"						10	-
3042325	4.1/8"							
3042326	4.3/16"							
3042327	4.1/4"							
3042328	4.5/16"	450	170	45	28			
3042329	4.3/8"							
3042330	4.1/2"							
3042331	4.9/16"							
3042332	4.5/8"							
3042333	4.11/16"							
3042334	4.3/4"	480	180	50	30	11		
3042335	4.13/16"							
3042336	4.7/8"							
3042337	4.15/16"							
3042338	5"						60	32
3042339	5.1/4"	510	195	55	31	12		
3042340	5.5/16"							
3042341	5.3/8"	520	210					
3042342	5.1/2"							
3042343	5.3/4"	570	220	60	32	14		
3042344	6"					16		

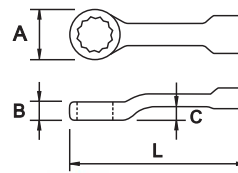
DIN 7444

4.4

WRENCHES / 通用扳手

OFFSET SLOGGING RING /

弯头梅花敲击扳手，十二角，公制



MM / 公制

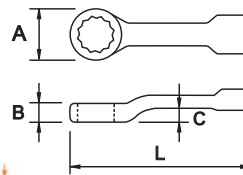
COD



COD	AF	L	A	B	C	Kg		
3042350	22mm	240	42	18	23	0,9	5	1
3042351	24mm							
3042352	27mm	270	50	20	26	1,2		
3042353	30mm	280		22	28	1,4		
3042354	32mm	290	55	23	29	1,6		
3042355	36mm							
3042356	38mm	300	65	25	31	1,8		
3042357	41mm	320	70	26	32	2		
3042358	46mm	340		27	34	2,6		
3042359	50mm	350	80	32	38	3		
3042360	55mm	360	85	33	39	3,9		
3042361	60mm	380	90	35	41			
3042362	65mm	390	95	38	44	4,0		
3042363	70mm	400	105	41	47	5,0		
3042364	75mm	420	110	43	49	5,5		
3042365	80mm	440				7,0	-	-
3042366	85mm	460	125	45	50	7,5		
3042367	90mm	480	140	47		9,0		
3042368	95mm							
3042369	100mm	520	155	49	55	11		
3042370	105mm							
3042371	110mm	550	170	50	60	12		
3042372	115mm							
3042373	120mm	590	180	55	64	14		
3042374	125mm							
3042375	130mm	620	200	60	70	16		
3042376	135mm							

OFFSET SLOGGING RING /

弯头梅花敲击扳手，十二角，英制



INCH / 英制

COD



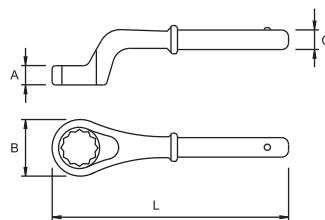
COD	AF	L	A	B	C	Kg		
3042377	7/8"	240	42	18	23	0,9	5	1
3042378	15/16"							
3042379	1"	270	50	20	26	1,2		
3042380	1.1/16"	280		22	28	1,4		
3042381	1.1/8"							
3042382	1.3/16"	290	55	23	29	1,6		
3042383	1.1/4"							
3042384	1.5/16"	300	65	25	31	1,8		
3042385	1.3/8"							
3042386	1.7/16"	320	70	26	32	2		
3042387	1.1/2"							
3042388	1.9/16"	340		27	34	2,6		
3042389	1.5/8"							
3042390	1.11/16"	360	85	33	39	3,9		
3042391	1.3/4"							
3042392	1.13/16"	380	90	35	41	4,1	-	-
3042393	1.7/8"							
3042394	1.15/16"	390	95	38	44	4,2		
3042395	2"							
3042396	2.1/16"	400	105	41	47	5,1		
3042397	2.1/8"							
3042398	2.3/16"							
3042399	2.1/4"							
3042400	2.5/16"							
3042401	2.3/8"							
3042402	2.7/16"							
3042403	2.1/2"							
3042404	2.9/16"							
3042405	2.5/8"							
3042406	2.11/16"							
3042407	2.3/4"							
3042408	2.13/16"							
3042409	2.7/8"							
3042410	2.15/16"	420	110	43	49	5,5		
3042411	3"	440						
3042412	3.1/16"						55	10,9
3042413	3.1/8"							
3042414	3.1/4"							
3042415	3.5/16"							
3042416	3.3/8"							
3042417	3.1/2"						550	12
3042418	3.9/16"							
3042419	3.5/8"							
3042420	3.11/16"							
3042421	3.3/4"							
3042422	3.13/16"							
3042423	3.7/8"							
3042424	3.15/16"							
3042425	4"							
3042426	4.1/16"							
3042427	4.1/8"						590	14
3042428	4.3/16"							
3042429	4.1/4"							
3042430	4.5/16"							
3042431	4.3/8"							
3042432	4.1/2"							
3042433	4.9/16"							
3042434	4.5/8"							
3042435	4.11/16"							
3042436	4.3/4"							
3042437	4.13/16"						620	16
3042438	4.7/8"							
3042439	4.15/16"							
3042440	5"							
3042441	5.1/4"							
3042442	5.1/16"							

4.4

WRENCHES / 通用扳手

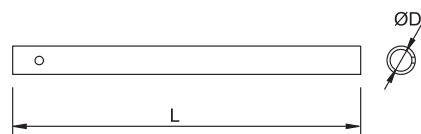
OFFSET RING SPANNER FOR EXTENSION / 载重梅花扳手 (可延伸)

十二方梅花, 与延长杆配合使用; 用于紧固和拆卸较大尺寸的螺栓; 弯头设计, 便于深孔作业。



COD	AF	A	B	C	L mm	gr.	
3042458	24mm	17	38	18	180	390	1
3042459	27mm		42		190	420	
3042460	30mm	18	48		200	500	
3042461	32mm		49	21	230	750	
3042462	36mm	20	55		240	800	
3042463	38mm					800	
3042464	41mm	21	60		260	950	
3042465	46mm	23	70	24	280	1150	
3042466	50mm	25	75		290	1350	
3042467	55mm	28	80		300	1450	
3042468	60mm	31	90	29	340	2150	
3042469	65mm	33	100		350	2500	
3042470	70mm	36	105		360	2850	
3042471	75mm	38	110		370	2050	
3042472	80mm					3750	
3042473	85mm	41	125		380	3550	
3042474	90mm		140		410	5150	
3042475	95mm	45				4900	
3042476	100mm		150		420	5000	
3042477	105mm					4900	

EXTENSION FOR OFFSET RING SPANNER / 载重梅花扳手的延长杆



COD	AF	Ø	L mm	gr.	
3042479	24-30mm	18	460	750	1
3042480	32-41mm	21	600	1150	
3042481	46-55mm	24	750	2750	
3042482	60-105mm	29	850	2850	

VALVE SPANNER / 阀门扳手

COD	CAP (ØX)	ØY	L mm	Kg.	
3044802	125-250mm	≤35mm	550	1,4	1



VALVE WHEEL HOOK / F形扳手 (阀轮钩)

COD	L mm	S	Kg.	
3044815	350	45	0,5	1
3044816	400	50	0,8	
3044817	450	55	1	
3044818	500	60	1,2	
3044819	550	65	1,4	
3044820	600	70	1,5	
3044821	650	75	1,6	
3044822	700	80	1,6	
3044823	750	85	2,3	
3044824	800	90	2,4	
3044825	850	93	2,5	
3044826	900	96	2,6	
3044827	950	100	2,8	
3044828	1000	103	2,9	
3044829	1200	105	5,5	



4.4

WRENCHES / 通用扳手

SPECIAL WRENCHES / 特种扳手

DOUBLE C WRENCH / 双C形扳手

	L mm	mm	Kg.	
3044842	200	14	18	0,4
3044843	250	17	25	0,6
3044844	450	25	34	2,3



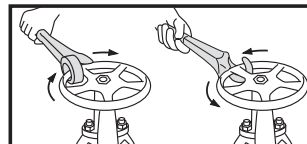
C WRENCH / 单C形扳手

	L mm	mm	Kg.	
3044847	450	40	1,3	1

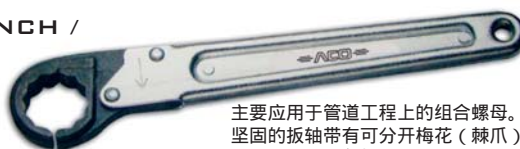


VALVE SPANNER / 阀门扳手

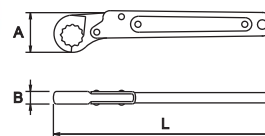
COD	CAP (ØX)	ØY	L mm	Kg.	
3042486	2"-7"	12mm	210	0,2	1
3042487	8"-15"	24mm	400	1,3	
3042488	16"-20"	30mm	490	1,7	
3042489			800	5,5	










RATCHETING RING WRENCH / 棘轮梅花扳手 (用于组合螺母)



主要应用于管道工程上的组合螺母。
坚固的扳轴带有可分开梅花 (棘爪)，
可以围绕六角螺母进行组装。



COD							
3042499	10mm	135	24	7,0	80	6	1
3042500	11mm				85		
3042501	12mm				90		
3042502	13mm				140		
3042503	14mm	185	30	8,0	180		
3042505	17mm		32		230		
3042506	19mm	230	39	11	320	-	
3042508	22mm	320	49	13			
3042509	24mm		50	18			
3042510	27mm	320	49	13	320	-	
3042512	32mm		50	18	320		

SET / 棘轮梅花扳手 组套

MM / 公制

COD UN.

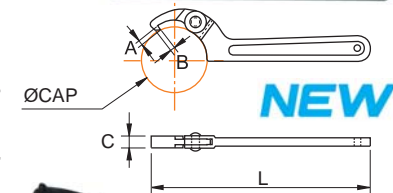
3042516	10	10, 11, 12, 13, 14, 17, 19, 22, 24, 27
---------	----	--



ADJUSTABLE HOOK SPANNER / 活动钩形扳手

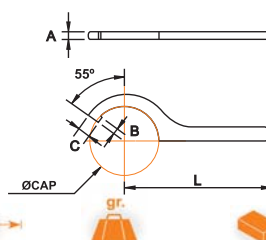
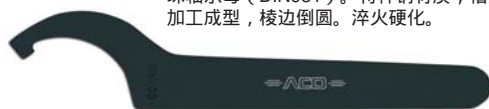
COD	CAP Ø	L mm	A	B	C	gr.	
3044851	19-50mm	3/4"-2"	160	4,0	3,5	9	110
3044852	32-75mm	1.1/4"-3"	205	4,5	4,0	11	225
3044853	50-120mm	2"-4.3/4"	290	5,0	4,5	12	450
3044854	115-170mm	4.1/2"-6.3/4"	310	5,0	4,5	13	580

COD	CAP Ø	L mm	A	B	C	gr.	
3044866	18-40mm	150	5	4	8	0,1	6
3044867	40-80mm	220	7	5	10	0,3	
3044868	80-125mm	300	8	6	12	0,6	
3044869	125-200mm	410	10	8	14	1,6	



HOOK SPANNER / 钩形扳手

用于紧固或拆卸带槽螺母 (DIN 1804) 和滚珠轴承母 (DIN981)。特种钢材质, 槽沟机加工成型, 棱边倒圆。淬火硬化。

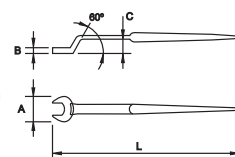


COD	CAP Ø	L mm	A	B	C	gr.		
3042523	12-14	110		1,8	1,8	16		
3042524	16-20		3	2	2,3	20		
3042525	25-28			2,3		40		
3042526	30-32	120	4	2,5	2,5	60		
3042527	34-36					90		
3042528	40-42	150	5	3		100		
3042529	45-50					150		
3042530	52-55	180	6	3,5	3	160		
3042531	58-62					210	6	1
3042532	68-75	210	7	4	3,5	250		
3042533	80-90					370		
3042534	92-100	240	8			410		
3042535	95-100			5	4	700		
3042536	110-115	280	10			750		
3042537	120-130					1050		
3042538	135-145	320	12	6	6	1150		
3042539	150-165							

DIN 1810

OFFSET OPEN END STRUCTURAL WRENCH /

弯头开口尖尾扳手



MM / 公制

COD	AF	L mm	A	B	C	gr.		
3042542	17		24	7,5		210		
3042543	19	350	40	9	24	300		
3042544	22		46	11		410		1
3042545	24		49		28	450		
3042546	27	370	55			600		
3042547	30			13	32	800	1	
3042548	32	400	65			900		
3042549	36	430	70	14	36	1200		
3042550	41	470	80	15	41	1500		
3042551	46	500	90	16	46	1800		
3042552	50		100	17	48	2000		
3042553	55	550	110	18	50			

INCH / 英制

3042554	3/4"		40	9	24	300		
3042555	7/8"	350	46			410		
3042556	15/16"			11				1
3042557	1"	370	49		28	450		
3042558	1.1/16"							
3042559	1.1/8"							
3042560	1.3/16"	400		13	32	750		
3042561	1.1/4"		65					
3042562	1.5/16"							
3042563	1.3/8"	430		14	36	900		
3042564	1.7/16"							
3042565	1.1/2"						1	
3042566	1.9/16"							
3042567	1.5/8"	470	80	15	41	1200		
3042568	1.11/16"							
3042569	1.3/4"							
3042570	1.13/16"	500	90	16	46	1500		
3042571	1.7/8"							
3042572	1.15/16"							
3042573	2"		100	17	48	1800		
3042574	2.1/16"							
3042575	2.1/8"	550	110	18	50	2000		
3042576	2.3/16"							

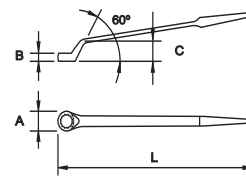


4.4

WRENCHES / 通用扳手

OFFSET RING STRUCTURAL WRENCH /

弯头梅花尖尾扳手



MM / 公制

COD



COD	AF	L	A	B	C	Kg		
3042577	14	270	24	10	23			
3042578	17	310	28	11	27	0,2		
3042579	19	330	32	12				
3042580	22	350	35		31			
3042581	24	370	38	13	34	0,3		1
3042582	27	400	42	14	37	0,4		
3042583	30							
3042584	32	430	50	16	43	0,6		
3042585	36	460	55	19	48	0,9		
3042586	41	490	65	20	55	1,1		
3042587	46	500	70	22		1,5		
3042588	50		75		60	1,8	1	
3042589	55	550	85	26		2,1		
3042590	60	600	90	28	65	2,5		
3042591	65							
3042592	70	650	110	30		2,7		
3042593	75			34	70	3,5		
3042594	80		115	36				
3042595	85	700	125	37		4,0		
3042596	90		135	39	75	5,0		
3042597	95		140	41				
3042598	100		145	42	80	6,0		
3042599	110	750	160	43		7,0		

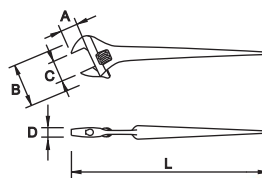
INCH / 英制

3042600	3/4"	330	32	12		0,2		
3042601	7/8"	350	35		31			
3042602	15/16"	370	38	13	34	0,3		
3042603	1"							
3042604	1.1/16"	400	42	14	37	0,4		1
3042605	1.1/8"							
3042606	1.3/16"							
3042607	1.1/4"	430	50	16	43	0,6		
3042608	1.5/16"							
3042609	1.3/8"	460	55	19	48	0,9		
3042610	1.7/16"							
3042611	1.1/2"							
3042612	1.9/16"	490	65	20	50	1,0		
3042613	1.5/8"							
3042614	1.11/16"							
3042615	1.3/4"						1	
3042616	1.13/16"	500	70	22		1,5		
3042617	1.7/8"							
3042618	1.15/16"							
3042619	2"		80		60	1,8		
3042620	2.1/16"	550		26				
3042621	2.1/8"		85			2,1		
3042622	2.3/16"							
3042623	2.1/4"							
3042624	2.5/16"	600	90	28	65	2,5		
3042625	2.3/8"							
3042626	2.7/16"							
3042627	2.1/2"							
3042628	2.9/16"	650	105	30	70	2,7		
3042629	2.5/8"							

4.4

WRENCHES / 通用扳手

ADJUSTABLE STRUCTURAL WRENCH / 尖尾活动扳手



COD

L mm

A

B

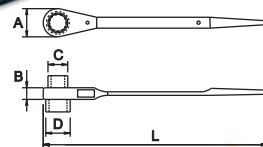
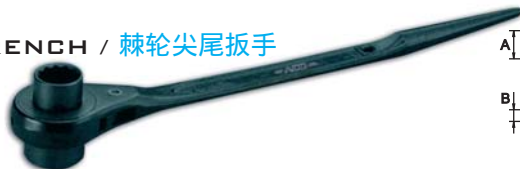
C

D

gr.

3042632	16"- 400mm	35	85	42	17	1100	1
---------	------------	----	----	----	----	------	---

PODGING WRENCH / 棘轮尖尾扳手



MM / 公制

COD

AF

L mm

A

B

C

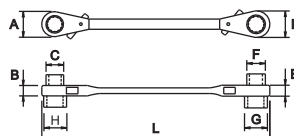
D

gr.

3042635	10-13mm	240	28	15	15	18	170	6	1
3042636	17-19mm	320	43	19	24	27	480		
3042634	19-21mm		50		26	28			
3042637	19-22mm				29				
3042638	19-24mm	370	20	28	33	650			
3042639	24-30mm	420	60	21	32	41	950		
3042640	27-32mm				37	43			
3042641	36-41mm				480	23			

DOUBLE SOCKET RATCHET WRENCH /

双头套筒棘轮扳手



COD

AF

L mm

A

B

C

D

E

F

G

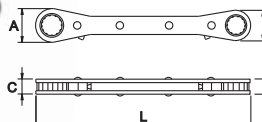
H

gr.

3042654	14-17x19-21	270	38	17	21	42	19	27	28	24	600	2	1
3042655	17-19x22-24	330	41	19	24	50	20	30	33	27	700	1	
3042656	19-21x24-27		42	20	27		21	33	37	29	750		

DOUBLE RATCHET WRENCH /

换向棘轮梅花扳手



换向按钮，十二方梅花扳手，可以不倒手快速拆装和紧固螺栓。便于手握。下方手指不会被底平面磨破。飞机维修常用。

MM / 公制

AF

L mm

A

B

C

D

gr.

3042657	8-10	150	18	17	9,0	9,0	90	6	1
3042658	10-11	170	22	19		9,5	120		
3042659	12-13	180	26	21	9,5		140	10	
3042660	14-15	210	33	30	10	200			
3042661	14-17		33	11	10	210			
3042662	19-21	230	40			37	260		

INCH / 英制

3042663	1/4-5/16"	150	18	18	8,5	8,5	60	6	1
3042664	3/8-7/16"	175	24	20	9,0		85		
3042665	1/2-9/16"	180	29	24	10	9,5	140	10	
3042666	5/8-11/16"	210	36	33		10	200		
3042667	3/4-7/8"		40	37	11	12	260		

SET / 换向棘轮梅花扳手 组套

MM / 公制组套 (6件套)

3042680	6	8-10, 10-11, 12-13, 14-15, 14-17, 19-21
---------	---	---

INCH / 英制组套 (5件套)

3042681	5	1/4-5/16", 3/8-7/16", 1/2-9/16", 5/8-11/16", 3/4-7/8"
---------	---	---



4.4 WRENCHES / 通用扳手

OFFSET DOUBLE RATCHET WRENCH / 弯头转向棘轮梅花扳手



转向按钮，十二方梅花弯头扳手，可以不倒手快速拆装和紧固螺栓。便于手握。下方手指不会被底平面磨破。飞机维修常用。

MM / 公制组套

COD	AF	L mm	A	B	C	D	gr.		
3042668	8-10	150	20	18	9,5	9,0	85	6	1
3042669	10-11	175	25	21	9,5	9,5	120	6	1
3042670	12-13	180	29	24	10	10	140	8	1
3042671	14-15	210	36	33	10	10	200	8	1
3042672	14-17	210	40	37	11	10	210	8	1
3042673	19-21	230	41	37	11	10	260	8	1

INCH / 英制组套

3042674	1/4-5/16"	150	20	17	9,5	8,5	60	6	1
3042675	3/8-7/16"	175	23	20	9,5	9,0	85	6	1
3042676	1/2-9/16"	180	30	27	10	9,5	140	8	1
3042677	5/8-11/16"	210	36	33	10	9,5	200	8	1
3042678	3/4-7/8"	210	40	37	10	10	260	8	1

SET / 弯头转向棘轮梅花扳手 组套

MM / 公制组套 (6件套)

3042682	6	8-10, 10-11, 12-13, 14-15, 14-17, 19-21
---------	---	---

INCH / 英制组套 (5件套)

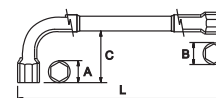
3042683	5	1/4-5/16", 3/8-7/16", 1/2-9/16", 5/8-11/16", 3/4-7/8"
---------	---	---



ANGLED OPEN SOCKETS / 烟袋扳手 (90° 弯头套筒扳手, 侧面开槽)

COD	AF mm	AF inch.*	L mm	A	B	C	gr.		
3042690	6mm	-	110	11	11	18	50	1	
3042691	7mm	9/32"	115	12	12	21	50	1	
3042692	8mm	5/16"	120	13	13	22	60	1	
3042693	9mm	-	125	14	14	22	70	1	
3042694	10mm	-	130	16	16	26	100	1	
3042695	11mm	7/16"	135	17	17	26	140	1	
3042696	12mm	-	145	18	18	27	160	1	
3042697	13mm	-	150	19	19	30	170	1	
3042698	14mm	9/16"	160	21	21	33	230	1	
3042699	15mm	-	175	22	22	35	230	1	
3042700	16mm	-	185	24	24	39	290	1	
3042701	17mm	-	200	25	25	39	290	1	
3042702	18mm	-	210	26	26	41	340	1	
3042703	19mm	3/4"	220	28	28	44	400	1	
3042704	20mm	-	220	30	30	45	470	1	
3042705	21mm	-	230	30	30	48	500	1	
3042706	22mm	7/8"	245	32	32	48	600	1	
3042707	23mm	-	255	33	33	55	700	1	
3042708	24mm	-	265	34	34	55	800	1	
3042709	25mm	-	280	36	36	55	1000	1	
3042710	26mm	1.1/32"	290	37	37	60	1200	1	
3042711	27mm	1.1/16"	300	38	38	60	1300	1	
3042712	28mm	-	310	39	39	60	1300	1	
3042713	29mm	-	320	41	41	65	1500	1	
3042714	30mm	1.3/16"	330	42	42	65	1800	1	
3042715	32mm	-	360	45	45	65	2000	1	
3042716	34mm	1.11/32"	375	48	48	70	2200	1	
3042717	36mm	-	395	50	50	70	2200	1	
3042718	38mm	1.1/2"	400	50	50	70	2200	1	

锻造，用于重载。特殊中空开槽结构，用于拆卸或紧固长突出螺栓上的螺母。短端镗孔，十二角；长端深空心，六角形；两端一样开口宽度。铬钒钢造成，表面抛光镀铬。



* Approximate measurements / 近似尺寸

DIN 475

ANGLED OPEN SOCKETS / 烟袋扳手 (90° 弯头扳手, 侧面开槽)

COD	AF mm	AF inch.*	L mm	A mm	B mm	C mm	gr.
3042719	5,5mm	7/32"	110	11	11	18	50
3042720	6mm	-	115	12	12	21	60
3042721	7mm	9/32"	120	13	13	22	70
3042722	8mm	5/16"	125	14	14	26	100
3042723	9mm	-	130	16	16	27	140
3042724	10mm	-	135	17	17	30	160
3042725	11mm	7/16"	145	18	18	33	170
3042726	12mm	-	150	19	19	35	230
3042727	13mm	-	160	21	21	39	290
3042728	14mm	9/16"	175	22	22	41	340
3042729	15mm	-	185	24	24	44	400
3042730	16mm	-	200	25	25	45	470
3042731	17mm	-	210	26	26	48	500
3042732	18mm	-	220	28	28	55	600
3042733	19mm	3/4"	230	30	30	60	700
3042734	20mm	-	240	32	32	65	800
3042735	21mm	-	250	33	33	70	1000
3042736	22mm	7/8"	260	34	34	70	1200
3042737	23mm	-	270	36	36	70	1300
3042738	24mm	-	280	37	37	70	1500
3042739	25mm	-	290	38	38	70	1800
3042740	26mm	1.1/32"	300	39	39	70	2000
3042741	27mm	1.1/16"	310	41	41	70	2200
3042742	28mm	-	320	42	42	70	
3042743	29mm	-	330	44	44	70	
3042744	30mm	1.3/16"	360	45	45	70	
3042745	32mm	-	370	48	48	70	
3042746	34mm	1.11/32"	390	50	50	70	
3042747	36mm	-	400			70	
3042748	38mm	1.1/2"				70	

* Approximate measurements / 近似尺寸

DIN 475

KIT-8 PCS.

烟袋弯头套筒扳手 组套 (8件套)

3042751	8-10-11-13-17-19-22-24	12x6
3042752		6x6

KIT-10 PCS.

烟袋弯头套筒扳手 组套 (10件套)

3042753	8-9-10-11-12-13-14-17-19-21	12x6
3042754		6x6

KIT-10 PCS.

烟袋弯头套筒扳手 组套 (10件套)

3042755	8-10-11-12-13-14-16-17-18-19	12x6
3042756		6x6

KIT-15 PCS.

烟袋弯头套筒扳手 组套 (15件套)

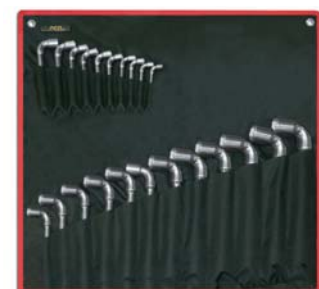
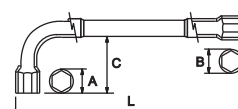
3042757	8-10-11-12-13-14-15-16-17-18-19-21-22-23-24	12x6
3042758		6x6

KIT-22 PCS.

烟袋弯头套筒扳手 组套 (22件套)

3042759	8-9-10-11-12-13-14-15-16-17-18-19-21-22-23-24-26-27-28-29-30-32	12x6
3042760		6x6

锻造, 用于重载。特殊中空开槽结构, 用于拆卸或紧固长突出螺栓上的螺母。短端镗孔, 长端深空心; 长短两端都是六角形; 两端一样开口宽度。铬钒钢造成, 奥戈工具专利技术特种镀层。



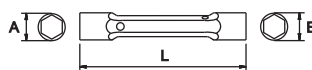
A mirror polished chrome plating / 镜面抛光镀铬

C TITACROM 奥戈工具专利技术特种镀层

4.4 WRENCHES / 通用扳手

SOCKET DOUBLE ENDED / 双头深孔六方套筒扳手

TITACROM® 奥戈工具专利镀层技术



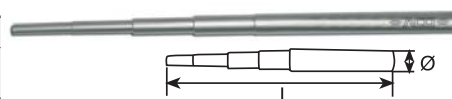
COD	AF	L mm	A	B	gr.		
3042764	6-7mm	105	10	11	30	10	1
3042765	8-9mm	110	13	14	50		
3042766	10-11mm	120	15	16	80		
3042767	12-13mm	140	18	19	140		
3042768	14-15mm	145	20	22	155		
3042769	16-17mm	155	23	24	180		
3042770	18-19mm	165	25	26	230		
3042771	20-22mm	170	28	30	290		
3042772	21-23mm	185	29	31	340		
3042773	24-26mm	190	33	33	430	6	-
3042774	24-27mm			35			
3042775	25-28mm			37			
3042776	27-29mm			39			
3042777	30-32mm	210	40	42	700		

DIN 896A

Step Tommy Bar / 梯级加力棒

COD	AF	L mm	Ø	gr.
3042780	6,0-15	180	2,5-4,5-5,5-6	30
3042781	16-32	280	6,5-7,5-9,5-11,5-12,5-13	200

与双头深孔六方套筒扳手配合使用，增加力臂。

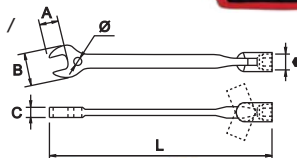


双头深孔六方套筒扳手 组套

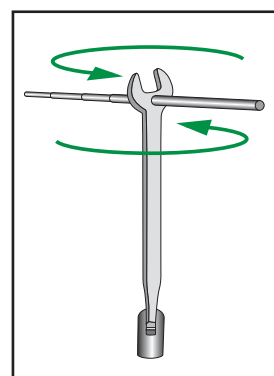
COD	UN.	
3042783	6	6-7, 8-9, 10-11, 12-13, 14-15, 16-17
3042784	8	6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 20-22



FLEXIBLE COMBINATION WRENCH / 活动头梅花开口扳手 (可加力)



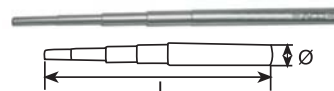
COD	AF	L mm	A	B	C	Ø	gr.					
3044880	10mm	180	12	25	5.5	6	95	10	1			
3044881	11mm	190	14	27	6		115					
3044882	12mm	215	15	31	6.5		145					
3044883	13mm						150					
3044884	14mm	220	16	32	8		185					
3044885	15mm						7					
3044886	17mm						235			19	38	230
3044887	19mm	250	20	41	9		320					



STEP TOMMY BAR / 梯级加力棒

COD				
3044894	6-15mm	180	2,5-4,5-5,5-6	30
3044895	16-32mm	280	6,5-7,5-9,5-11,5-12,5-13	200

与活动头梅花开口扳手 配合使用

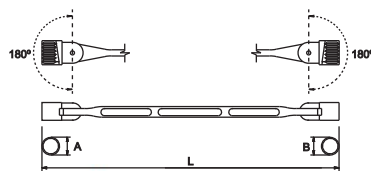


4.4

WRENCHES / 通用扳手

DOUBLE ENDED SWIVEL /

双活动头 套筒扳手



COD		mm	A	B	gr.		
3042801	8-9mm	200	12	13	100	10	-
3042802	10-11mm	210	15	16	110		
3042803	12-13mm	230	19	19	155		
3042804	14-15mm	240	21	21	200		
3042805	16-17mm	250	23	24	280		
3042806	18-19mm	270	26	26	390	5	
3042807	20-22mm	290	28	30	480		
3042808	21-23mm		32	32	470		
3042809	24-27mm	330		36	700		

KIT-6

双活动头 套筒扳手组套 (6件套)

COD

C

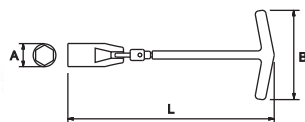
Kg.



3042813	8-9, 10-11, 12-13, 14-15, 16-17, 18-19	1,6	1
---------	--	-----	---

SPARK PLUG WRENCH /

火花塞扳手



COD



L

A

B

gr.

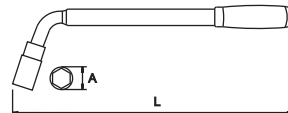


3042821	20-13/16"	230	28	100	250	8	1
---------	-----------	-----	----	-----	-----	---	---

DIN 3112

EXTENSIBLE WHEEL WRENCH /

车轮拆卸扳手 (可伸长车轮扳手)



COD



mm

A

gr.

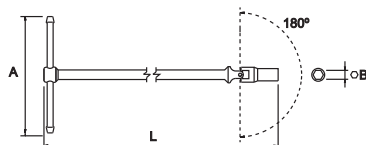


3042826	17-19	550	28	800	3
---------	-------	-----	----	-----	---

DIN 3112

T-HANDLE WRENCHES WITH UNIVERSAL JOINT /

T形杆扳手 (带万向头)



COD



L

A

B

gr.



3042830	6mm	390	165	10	220	1	1
3042831	7mm			11			
3042832	8mm			12			
3042833	9mm			14			
3042834	10mm	450	180	15	420		
3042835	11mm			17			
3042836	12mm			18			
3042837	13mm			19			
3042838	14mm	500	180	20	480		
3042839	15mm			22			
3042840	16mm			23			
3042841	17mm			24			
3042842	18mm	500	230	25	850		
3042843	19mm			27			
3042844	20mm			28			
3042845	21mm			29			
3042846	22mm			31			
3042848	24mm			33			

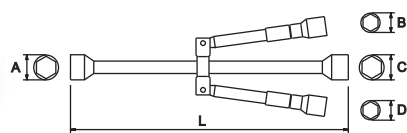


4.4

WRENCHES / 通用扳手

FOLDING CROSS RIM WRENCH /

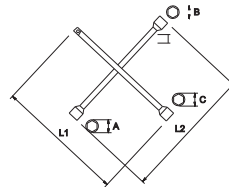
可折叠十字扳手 (汽车专用)



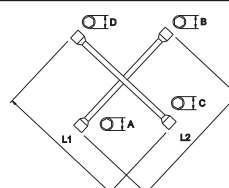
COD	AF	L mm	A	B	C	D	gr.	
3042852	17-19-21-23	355	30	26	32	28	1300	1

CROSS RIM WRENCH /

十字扳手 (拆轮胎工具, 汽车专用)



COD	AF	L1	L2	A	B	C	gr.	
3042853	17-19-22-24/2	350	350	28	26	31	1150	1



COD	AF	L1	L2	A	B	C	gr.	
3042854	17-19-21-23	350	350	28	26	31	1200	1

DIN 3119

DIN 3119

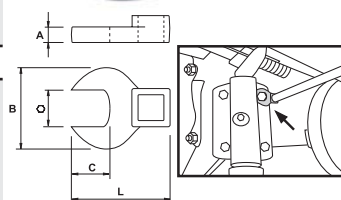
1/4" OPEN END CROW FOOT WRENCH / 1/4" 爪型开口扳手

MM / 公制

COD	AF	L mm	A	B	C	gr.	
3044911	7mm	30	25	6	70	10	1
3044912	8mm	31	26	7	75	10	1
3044913	9mm	33	28	8	80	10	1
3044914	10mm	35	30	9	85	10	1
3044915	11mm	36	31	11	90	10	1
3044916	12mm	38	34	12	95	10	1
3044917	13mm	39	35	13	100	10	1

INCH / 英制

COD	AF	L mm	A	B	C	gr.	
3044918	5/16"	31	26	7	70	10	1
3044919	3/8"	33	28	8	75	10	1
3044920	7/16"	35	30	9	80	10	1
3044921	1/2"	38	34	12	92	10	1
3044922	9/16"	39	36	14	100	10	1



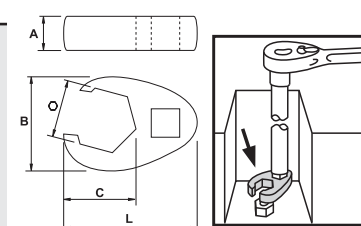
3/8" HEXAGONAL CROW FOOT WRENCH / 3/8" 爪型六方开口扳手

MM / 公制

COD	AF	L mm	A	B	C	gr.	
3040096	10mm	38	7,8	16	28	10	1
3040097	11mm	38	7,8	16	28	10	1
3040098	12mm	38	8	18	35	10	1
3040099	13mm	38	8	18	40	10	1
3040100	14mm	38	8	18	41	10	1
3040101	15mm	41	9	33	50	10	1
3040102	16mm	41	9	33	50	10	1
3040103	17mm	45	10,5	36	56	10	1
3040104	19mm	46	10,5	36	62	10	1
3040105	21mm	50	11	40	80	10	1
3040106	22mm	50	11	40	100	10	1

INCH / 英制

COD	AF	L mm	A	B	C	gr.	
3040120	3/8"	38	7,8	16	28	10	1
3040121	7/16"	38	7,8	16	28	10	1
3040122	1/2"	38	8	18	40	10	1
3040123	9/16"	41	9	33	50	10	1
3040124	5/8"	41	9	33	50	10	1
3040125	11/16"	46	10,5	36	56	10	1
3040126	3/4"	46	10,5	36	62	10	1
3040127	13/16"	50	11	40	80	10	1
3040128	7/8"	50	11	40	100	10	1



4.4

WRENCHES / 通用扳手

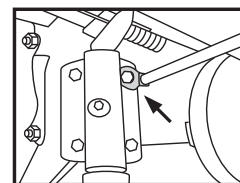
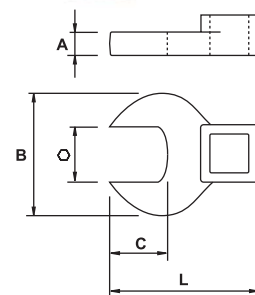
3/8" OPEN END CROW FOOT WRENCH / 3/8" 爪型开口扳手

MM / 公制

		L	A	B	C	gr.		
3040050	10mm	36	6	24	10	28	10	1
3040051	11mm	39	6,5	26	13	35		
3040052	12mm			27	14	40		
3040053	13mm	40	7,2	28	15	41		
3040054	14mm	42	8,3	30	16	50		
3040055	15mm	46	8,4	34	17	56		
3040056	16mm			36	18	62		
3040057	17mm	48	8,8	40	21	80		
3040058	19mm	50	9	46	23,5	100		
3040059	21mm	55	9,5	54	25,5	140		
3040060	22mm							
3040061	24mm	65	10					

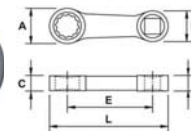
INCH / 英制

		L	A	B	C	gr.		
3040074	3/8"	36	6	24	10	28	10	1
3040075	7/16"	39	6,5	26	14	40		
3040076	1/2"	40	7,2	28	15	41		
3040077	9/16"	42	8,3	30	16	50		
3040078	5/8"	46	8,4	34	17	56		
3040079	11/16"	48	8,8	36	18	62		
3040080	3/4"	50	9	40	21	80		
3040081	13/16"	55	9,5	46	21,5	100		
3040082	7/8"							
3040083	15/16"	65	10	54	25,5	140		



3/8" TORQUE ADAPTER / 3/8" 扭力适配器

NEW



MM / 公制

3044935	3/8"	8mm	72,5	24	20	9,5	12	50	48	10	1
3044936		10mm		27					55		
3044937		13mm									

INCH / 英制

3044938	3/8"	5/16"	72,5	18	20	8	12	50	48	10	1
3044939		3/8"									
3044940		7/16"		20		8,5					
3044941		1/2"		22		9			50		
3044942		9/16"		30		9,5			60		

SPLINE

3044943	3/8"	M7	7/32"	72,5	24	20	9,5	12	50	48	10	1				
3044944		M8	1/4"													
3044945		M9	9/32"													
3044946		M10	5/16"													
3044947		M12	3/8"													
3044948		M14	7/16"	27	30				55							
3044949		M16	1/2"													
3044950		M18	9/16"	30								60				
3044951		M20	5/8"													



4.4 WRENCHES / 通用扳手

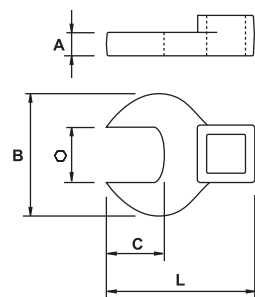
1/2" OPEN END CROW FOOT WRENCH / 1/2" 爪型开口扳手

MM / 公制



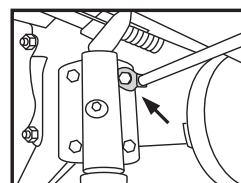
3044964	20MM	50	12	42	19	150	10	1
3044965	21MM							
3044966	22MM			43	20			
3044967	23MM	55		45	21			
3044968	24MM			46	22	160		
3044969	25MM			47	23			
3044970	26MM	60	60	49	24	185		
3044971	27MM			50	25	190		
3044972	28MM				26			
3044973	29MM	65		55	27	200		
3044974	30MM				28	210		
3044975	31MM			60	29	220		
3044976	32MM	70	70		30	230		
3044977	33MM			65	31	250		
3044978	34MM				32	260		
3044979	35MM	75		70	33	270		
3044980	36MM				34			
3044981	37MM				35			
3044982	38MM	80	14	75	36	280		
3044983	39MM				37	290		
3044984	40MM				38	300		
3044985	41MM	85		80	39	320		
3044986	42MM				40			
3044987	43MM				41	330		
3044988	44MM	90	15	85	42	340		
3044989	45MM				43	360		
3044990	46MM	95		90	44	380		

NEW



INCH / 英制

3045001	15/16"	55	12	45	21	160	10	1
3045002	1"			47	23			
3045003	1.1/16"	60			25	190		
3045004	1.1/8"	65		50	26	200		
3045005	1.3/16"				28	210		
3045006	1.4/4"	70	70	60	30	230		
3045007	1.5/16"			65	31	250		
3045008	1.3/8"				33	260		
3045009	1.7/16"	75		70	34	270		
3045010	1.1/2"				36	280		
3045011	1.9/16"	80	14	75	37	290		
3045012	1.5/8"	85			39	320		
3045013	1.11/16"			80	41	330		
3045014	1.3/4"	90		84	42	340		
3045015	1.13/16"				44	380		
3045016	1.7/8"	95	95	90	45	400		
3045017	1.15/16"				46	430		
3045018	2"			95	49	460		
3045019	2.1/16"	100				480		
3045020	2.1/8"					500		
3045021	2.3/16"			100	50	600		
3045022	2.1/4"	105	15			650		
3045023	2.5/16"			105	55	700		
3045024	2.3/8"					750		
3045025	2.7/16"	110		110	60	850		
3045026	2.1/2"							



HEXAGONAL KEYS STANDARD / 标准L形六角扳手

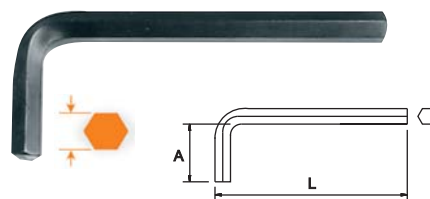
MM / 公制	AF	L mm	A mm	gr	Hardness 硬度
3043000	0,9mm	33	10	0,2	52 HRC
3043001	1,27mm	40	12	0,9	
3043002	1,5mm	46	14	1,0	
3043003	2mm	50	16	2,0	
3043004	2,5mm	60	17	3,0	
3043005	2,7mm	55		4,5	
3043006	3mm	65	20	5,0	
3043007	3,5mm	70	21	7,5	
3043008	4mm	75	25	10	
3043009	4,5mm	80	26	14	
3043010	5mm	85	28	15	48 HRC
3043011	5,5mm			25	
3043012	6mm	95	32	30	
3043013	7mm	100	33	45	
3043014	8mm		36	60	
3043015	9mm	115	38	80	
3043016	10mm	120	40	105	
3043017	11mm	130	42	135	
3043018	12mm	135		170	
3043019	13mm	145	44	190	
3043020	14mm	155	46	260	45 HRC
3043021	15mm	160	50	320	
3043022	16mm	170		370	
3043023	17mm	175	65	440	
3043024	18mm	190		550	
3043025	19mm	200		650	
3043026	20mm		70	950	
3043027	21mm	210		950	
3043028	22mm	220	82	950	
3043029	24mm	250	90	1250	5
3043030	27mm	280	100	1750	
3043031	30mm	320	110	2450	
3043032	32mm	350	120	3050	
3043033	36mm	390	135	4350	
3043034	38mm	380	140	4700	
3043035	41mm		150	5700	
3043036	46mm	410	160	7000	
3043037	48mm		165	7100	
3043038	50mm	450	175	9550	1
3043039	55mm		185	11200	
3043040	60mm	470	195	14050	
3043041	65mm	480	200	15300	
3043042	70mm	500	210	16700	

Cr-V ISO 2936 / DIN 911

HEXAGONAL KEYS LONG PATTERN / 加长L形六角扳手

MM / 公制	AF	L mm	A mm	gr	Hardness 硬度
3043077	1,5mm	65	15	1,0	52 HRC
3043078	2mm	75	18	2,0	
3043079	2,5mm	85	20	4,0	
3043080	3mm	95	23	7,0	
3043081	3,5mm	100	25	10	
3043082	4mm	105	29	15	
3043083	4,5mm	115	30	19	
3043084	5mm	120		25	
3043085	5,5mm	130	33	35	
3043086	6mm	140	38	40	48 HRC
3043087	7mm	150	41	60	
3043088	8mm	160	44	80	
3043089	9mm	170	47	115	
3043090	10mm	180	50	140	
3043091	11mm	190		200	
3043092	12mm	200	55	260	
3043093	13mm	210	65	300	
3043094	14mm	230	70	400	
3043095	15mm	240	75	460	45 HRC
3043096	16mm			500	
3043097	17mm	260	80	650	
3043098	19mm	280	90	850	
3043099	22mm	310	100	1300	
3043100	24mm	360	115	1750	

Cr-V ISO 2936 / DIN 911



标准L形六角扳手

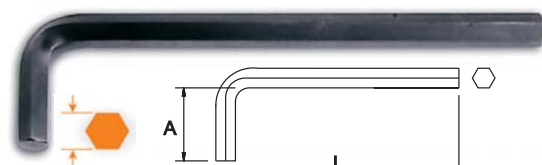
INCH / 英制

COD

AF	L mm	A mm	gr	Hardness 硬度
----	------	------	----	-------------

3043045	1/16"	46	15	0,9	52 HRC	10
3043046	5/64"	50	18	2,0		
3043047	3/32"	60	20	3,0		
3043048	1/8"	65	23	5,0		
3043049	5/32"	75	29	10		
3043050	3/16"	85	33	15		
3043051	7/32"			25		
3043052	1/4"	95	38	30		
3043053	5/16"	100	44	60		
3043054	3/8"	120	50	105		
3043055	7/16"	130	55	135	48 HRC	
3043056	1/2"	140		170		
3043057	9/16"	155	70	260	45 HRC	5
3043058	5/8"	170	75	370		
3043059	3/4"	200		650		
3043060	7/8"	240	90	950		
3043061	1"	260		1250		
3043062	1.1/8"	270	110	1750		
3043063	1.1/4"	320	120	3050		
3043064	1.5/8"	380	150	5700		

Cr-V ISO 2936 / DIN 911



INCH / 英制

AF	L mm	A mm	gr	Hardness 硬度
----	------	------	----	-------------

3043110	1/16"	80	14	1,6	52 HRC	10
3043111	5/64"		16	2,7		
3043112	3/32"	85	17	4,5		
3043113	7/64"	90	18	6,6		
3043114	1/8"	95	19	8,3		
3043115	9/64"	100	20	11		
3043116	5/32"	105	21	14		
3043117	3/16"	115	24	23		
3043118	7/32"	125	26	32		
3043119	1/4"	135	29	50		
3043120	5/16"	150	32	80	48 HRC	6
3043121	3/8"	170	35	135		
3043122	7/16"	190	38	210		
3044221	1/2"	210	43			
3044222	5/8"	250	50	370		
3044223	3/4"	290	55	690		
3044224	7/8"	350	65	1300		
3044225	1"	400	70	1750		
3044226	1.1/8"			2300		
3044227	1.1/4"	450	85	3750	45 HRC	1
3044228	1.1/2"	490	140	5800		
3044229	1.5/8"	550	150	7100		
3044230	1.3/4"	570	160	8800		

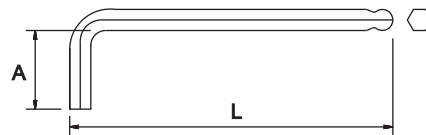
Cr-V ISO 2936 / DIN 911



4.4

WRENCHES / 通用扳手

LONG PATTERN BALLPOINT / 加长 L型六角球头扳手



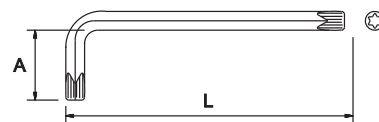
MM / 公制	AF	L mm	A mm	gr.	Hardness 硬度	
3043135	1,5mm	65	15	1,0	52 HRC	10
3043136	2mm	75	18	2,0		
3043137	2,5mm	85	20	3,0		
3043138	3mm	95	23	5,0		
3043139	4mm	105	29	10		
3043140	5mm	120	33	15		
3043141	5,5mm	130		25		
3043142	6mm	140	38	30		
3043143	7mm	150	40			
3043144	8mm	160	44	60		
3043145	9mm	170	45	110	48 HRC	1
3043146	10mm	180	50	140		
3043147	12mm	200		250		
3043148	14mm	230	55	400		
3043149	17mm	260	60	650	45 HRC	
3043150	19mm	280	67	850		







Cr-V ISO 2936 / DIN 911

INCH. / 英制	AF	L mm	A mm	gr.	
3043154	1/16"	75	14	1,6	10
3043155	5/64"	80	16	2,7	
3043156	3/32"	85	17	4,5	
3043157	7/64"	90	18	6,6	
3043158	1/8"	95	19	8,3	
3043159	9/64"	100	20	11	
3043160	5/32"	105	21	14	
3043161	3/16"	115	24	23	
3043162	7/32"	125	26	32	
3043163	1/4"	135	29	50	
3043164	5/16"	150	32	80	
3043165	3/8"	170	35	135	
3043166	7/16"	190	38	210	

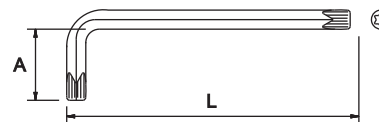
Cr-V ISO 2936 / DIN 911

TORX KEYS / L星形扳手



COD						
3043169	T-6	41	14	2.5	10	1
3043170	T-7					
3043171	T-8					
3043172	T-9					
3043173	T-10	49	16	3,5		
3043174	T-15	56	17	5,0		
3043175	T-20	62	19	7,5		
3043176	T-25	70	20	9,5		
3043177	T-27	75	24	15		
3043178	T-30	85	29	20		
3043179	T-40	95	34	32		
3043180	T-45	110	39	44		
3043181	T-50	125	41	65		

TORX LONG PATTERN / 加长L星形扳手

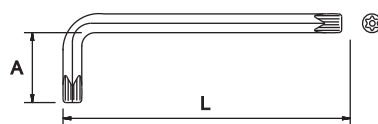


COD		L mm	A mm	gr.	
3043182	T-10	90	17	6,0	10
3043183	T-15	95	18	9,0	
3043184	T-20	100	19	12	
3043185	T-25	105	20	16	
3043186	T-27	110	21	24	
3043187	T-30	120	24	31	
3043188	T-40	130	26	46	
3043189	T-45	140	28	65	
3043190	T-50	160	32	90	

TAMPER TORX KEYS / L形空心星形扳手



NEW

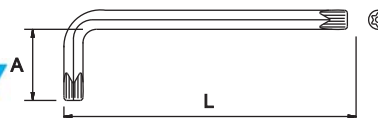


		L mm	A	gr.		
3045044	TT8	41	14	2,5	10	1
3045045	TT9					
3045046	TT10	49	16	3,5		
3045047	TT15	56	17	5		
3045048	TT20	62	19	7,5		
3045049	TT25	70	20	9,5		
3045050	TT27	75	24	15		
3045051	TT30	85	29	20		
3045052	TT40	95	34	32		
3045053	TT45	110	39	44		
3045054	TT50	125	41	65		

LONG PATTERN / 加长L形空心星形扳手

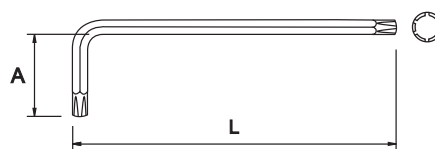


NEW



		L mm	A	gr.		
3045056	TT10	90	17	6	10	1
3045057	TT15	95	18	9		
3045058	TT20	100	19	12		
3045059	TT25	105	20	16		
3045060	TT27	110	21	24		
3045061	TT30	120	24	31		
3045062	TT40	130	26	46		
3045063	TT45	140	28	65		
3045064	TT50	160	32	90		

RIBE WRENCHES / L型RIBE花键型扳手



		L mm	A	gr.		
3043195	M4	145	22	16	10	1
3043196	M5	150	24	26		
3043197	M6	160	30	42		
3043198	M7	175	32	80		
3043199	M8	185	40	90		
3043200	M10	220	55	150		

SETS / L型RIBE花键型扳手 组套

COD	PCS.		gr.		
3043210	7	M4, M5, M6, M7, M8, M9, M10	600	6	1

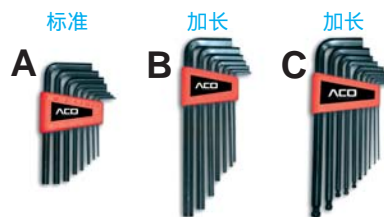


4.4 WRENCHES / 通用扳手

便携式L形六角扳手套组（带尺寸标刻）

A：标准L形六角。 B：加长L形六角。 C：加长L形六角球头

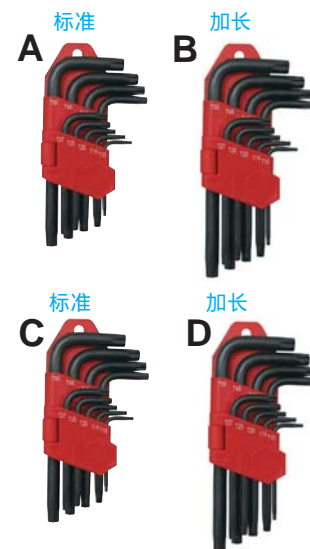
COD	PCS.		gr.		
3043215	8	1,5-2-2,5-3-4-5-5,5-6	105		
3043216	A	1,5-2-2,5-3-4-5-5,5-6-8-10			
3043217		1/16"-5/64"-3/32"-1/8"-5/32" 3/16"-7/32"-1/4"-5/16"-3/8"	270		
3043218	B	2,5-3-4-5-6-8-10	330	12	1
3043219	C	1,5-2-2,5-3-4-5-5,5-6-8-10			
3043220		1/16"-5/64"-3/32"-1/8"-5/32" 3/16"-7/32"-1/4"-5/16"-3/8"	360		



固定吊架L形扳手套组（带尺寸标刻、带悬挂孔）

A：标准L星形。 B：加长L星形。 C：标准L空心星形。 D：加长L空心星形。

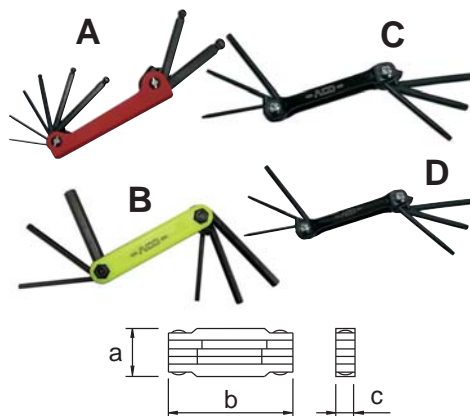
COD	PCS.		gr.		
3043225	A	T10-T15-T20-T25-T27-T30-T40-T45-T50	250	12	
3043226	B	T10-T15-T20-T25-T27-T30-T40-T45-T50	300	6	
3043227	C	TT10-TT15-TT20-TT25-TT27-TT30-TT40-TT45-TT50	250	12	
3043228	D	TT10-TT15-TT20-TT25-TT27-TT30-TT40-TT45-TT50	300	6	



折叠式L形扳手套组

A：标准L形六角球头。 B：标准L形六角。 C：标准L星形。 D：标准L空心星形

COD	PCS.		a	b	c	gr.		
3043230	A	2-2,5-3-4-5-6-8-10	39	120		290		
3043231	B	2,5-3-4-5-6-8	21	95		160		
3043232	C	T10-T15-T20-T25-T27-T30					12	1
3043233	D	TT10-TT15-TT20-TT25-TT27-TT30	33	90	17	90		



钥匙扣L形扳手套组

A：标准L形六角（公制）。 B：标准L形六角（英制）。 C：标准L星形。 D：标准L空心星形

COD	PCS.		gr.		
3043242	A	1,5-2-2,5-3-4-5-6-8	140		
3043243	B	5/64-3/32-1/8--5/32-3/16-7/32-1/4-5/16	150		
3043244	C	T9-T10-T15-T20-T25-T27-T30-T40		12	1
3043245	D	TT9-TT10-TT15-TT20-TT25-TT27-TT30-TT40	140		

